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W. C. P. L.



PLOWDEN & THOMPSON, LTD.
Dial Glass Works
STOURBRIDGE



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THIS LIST CANCELS ALL PREVIOUS PRICE LISTS

1926

Price List of British

DIAL

GLASS-BLOWN

AND OTHER

CHEMICAL AND

LABORATORY APPARATUS

Comprising

Chemical and General Apparatus

Gas Analysis Apparatus

Pyrex Laboratory Ware

Thermometers, Hydrometers, etc.

PLOWDEN & THOMPSON, LTD.

Glass Tubing Manufacturers and Glass-blowers

Dial Glass Works

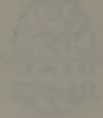
STOURBRIDGE

WORCS.

Telephone: 243 Stourbridge

Telegrams: Dial, Stourbridge

Railway Stations: Stourbridge, G.W.R. & Brettell Lane, L.M.S.



THE GLASS BLOWING AND LABORATORY APPARATUS

1926

Price List of British

DIAL

GLASS-BLOWN

AND OTHER

CHEMICAL AND

LABORATORY APPARATUS

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STOWDEN & THOMPSON LTD.

GLASS BLOWING AND LABORATORY APPARATUS

DIAL GLASS WORKS

STOURBRIDGE

WV

STOURBRIDGE, WYVERN, STOURBRIDGE, WYVERN

STOURBRIDGE, WYVERN, STOURBRIDGE, WYVERN

STOURBRIDGE, WYVERN, STOURBRIDGE, WYVERN

“Dial”

British Glass Apparatus and Tubing.

Composition of “Dial” Glass.—We guarantee that our SOFT SODA and RESISTANCE SODA GLASSES are free from Arsenic, Antimony, Lead and other undesirable impurities. The Soft Soda glass contains no Zinc; the Resistance Soda, about 5%. Both glasses are of high durability and will stand autoclaving and the action of highly alkaline substances (e.g., Narcotine Hydrochloride), the Soda Glass reasonably and the Resistance Glass excellently. They are specially made to suit lamp work and may be blown up and down constantly without loss of nature, devitrification or subsequent cloudiness. Platinum may be sealed in without the use of special sealing glass. Composition is invariable.

“Dial” Glass Apparatus.—All our blown apparatus, comprising the majority of the items shown in this list, are made by us out of our own tubing. Although not manufacturers of heavy glass articles, we have, for the convenience of our customers, listed the commoner forms of such articles, which we obtain from British sources where possible and sell on competitive terms.

All articles of our own manufacture are prefaced by the letter “D.” The prefix “B” is used to distinguish other articles which are, invariably, of British manufacture; the rest are British where possible. BRITISH GOODS COMPRISE OVER 95% OF THE LIST.

We shall be pleased to quote for apparatus not shown in this list, whether blown glass or otherwise.

Our Prices of Apparatus.—Since we are the actual makers of the glass and of the finished article, we are able to quote very favourable prices to the consumer, and to avoid the costs which intermediate handlings create. We rely upon the service which our articles give to offset the lower prices at which it is possible from time to time to import glassware from countries where the exchange, the general standard of living and the conditions of labour operate against the British manufacturer.

Special Apparatus to Sketch or Specification.—We cater particularly for this class of work, and having a practical knowledge of laboratory requirements, we can make accurately, efficiently and cheaply in Soda, Resistance or Pyrex glass.

Repairs to Broken Apparatus.—We undertake repairs to all apparatus of whatever origin, including Taps, Graduated Glassware, etc., but excluding heavy glass. Many of our customers find it convenient to send us from time to time their accumulated breakages, thus saving considerable expense on new material.

Apparatus in Pyrex Glass.—We can make all kinds of apparatus out of Pyrex tubing at double the prices shown in this list, in which all the articles are made out of Soda unless otherwise described. This applies to "D" articles only.

Discounts.—Prices quoted in this list are nett, less $2\frac{1}{2}\%$ M.A. The discount shown for dozen lots is roughly $7\frac{1}{2}\%$, but for graduated ware the discounts are rather less. We shall be pleased to quote special terms for 3-dozen lots and upwards.

Carriage and Packing.—Free for orders of £5 nett value or over, in returnable or non-returnable cases.

For orders of under £5 nett value, we send carriage forward and we pack in returnable or non-returnable cases. We are prepared, however, at the customer's option, to deliver free to destination in non-returnable cases at an additional covering price of $12\frac{1}{2}\%$ of the value of the order.

Whilst we take every care in packing, we cannot be held responsible for breakages in transit.

Export Terms.—For orders of £5 nett or over, delivery F.O.B. British Port in strong closed cases, which will be charged at cost.

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" DIAL " Glass Apparatus and Tubing is British Made

PLOWDEN & THOMPSON, LTD., STOURBRIDGE

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LOWDEN & THOMPSON, LTD., STOURBRIDGE

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"DIAL" Glass is the Purest Made and does not deteriorate in Storage

PLOWDEN & THOMPSON, LTD., STOURBRIDGE

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" for Kipp's Apparatus	1331
Stopcock Lubricant	1318
Stutzer's Distillation Splash Heads	545/6
Sulphuretted Hydrogen Apparatus, Kipp's	1328/9
" " " funnels for	1330
Sulphuretted Hydrogen Apparatus, Kipp's stopcocks for	1331

T

T Tubes	1380
Taps, glass (see Stopcocks)	1291/1307
Tap Lubricant	1318
Tennant's Nitrometer	1085
Test Papers, Litmus, etc.	970
Test Tubes, Pyrex	1370/1
" resistance glass	1369
" soda glass	1367/8

LOWDEN & THOMPSON, LTD., STOURBRIDGE

T—Continued.

Thermometers, Angle	1443
" Anschutz	1430
" Benzol	1426
" Bomb Calorimeter	1430
" Brewers'	1440/1
" Chemical	1401/29
" High range	1420/3
" Naphtha	1428/9
" Pipe	1442
" Refrigerator	1444
" Six's	1438/9
" Special types	1430
" Standard	1430
" Toluol	1427
" Weight	1656/7
Thermometer Tubing	1530
" Varnish for use with Benzol, etc.	1445
Thermo-Regulators	825/7
Thimbles for fat extraction apparatus	1265
Thistle Funnels	746/8
Thorner's Drying Tube	345
Thorpe's Condensers	435/6
" Distillation Apparatus for water	542
" Flask, Inland Revenue	697
Three-way Taps	1296 etc
Toluol Thermometers	1427
Todd's Tubes	838
Traps, Safety, for distillation	543/8
Tree, Orsat-Fischer	772/3
Triangle, Perkin's	721
Troughs, glass, pneumatic	1465/6
Tubes, Absorption—White's	75
" Arsenic	155
" Barometer	1481/3
" Boiling	1367
" Boyle's Law	1484/5
" Carbon, Eggertz'	375/6
" Chloride of Calcium	333/45
" Combustion	1487/8
" Condensation	425
" Condenser, Liebig's	439
" Drying	333/6
" " Thorner's	345
" Filtering	635/8
" " for Gooch's crucible	634
" Gas Sampling	835/8
" Levelling, for nitrometer	1094/5
" for Liebig's condensers	439
" Melting Point	1013
" for Microscopic slide	1042/3
" Palladium	1500
" Reduction	1505/7
" Sample	1270/1
" Sampling, gas	835/8
" Siphon	85
" Soda Lime	25
" Specific Gravity	1140
" Specimen	1270/1
" T	1380

Tubes, Test	1367/71
" Todd's	838
" U	337/45
" Y	1380
Tubing, Glass	1525 etc
" Barometer	1527
" Carius	1547
" Capillary	1527
" Coloured	1531
" Combustion	1488
" Flint	1535
" Flint or Lead	1529
" Opal	1534
" Oval	1536
" Pyrex	1545
" Resistance	1528
" Ruby	1533
" Soda	1525
" Thermometer	1530
" Uranium	1532
Tubing, indiarubber	1555/6
Twaddell's Hydrometer	950/6
Two-stage Pump, Mercury Vapour	1017

U

U Tubes, Calcium Chloride	337/45
University College Filter Pump	656
Uranium Glass Tubing	1532

V

Vacuum Pump, Mercury Vapour	1017
" Stopcocks	1307
Van Slyke's Carbon Dioxide Apparatus	1585
Vapour Density Bulbs, Dumas'	1590
" Pump, Mercury	1017
Varnish, Thermometer, for Benzol, etc	1445
Viscometers	1600/1603
Vollhard's Drying Tube, Calcium Chloride	343
" Filter Pumps	657/8

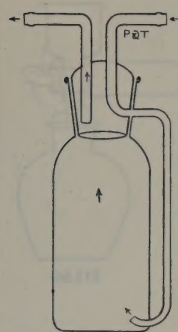
W

Wagner's Splash Head	548
Wash Bottles	1650/3
Washing Bottles, gas, Drechsel's, etc	845/7
Watch Glasses	405/6
Water Distillation Apparatus, Thorpe's	542
Weighing Bottles	257/260
" Pipette, Lunge and Rey's	1135
Weight Thermometers	1656/7
White's Absorption Tube	75
Winkler's Absorption Worm	42
Wire, Gauze	860
Wohler's Drying Tube	344
Wool, Glass	870
Woulff's Bottles	267/271
Worm, Absorption, Winkler's	42

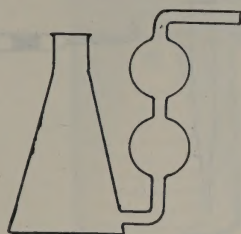
Y

Y Tubes	1380
Yeast Flasks	698/9
Young's Fractional Distillation Column	728/32
Young and Thomas's Distillation Column	725/7

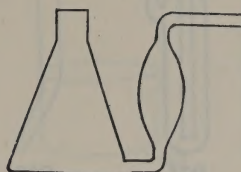
D25 to D64



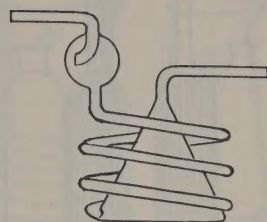
D25



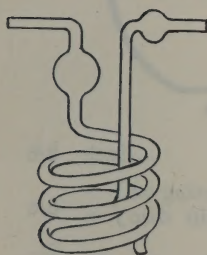
D30



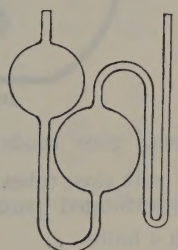
D34



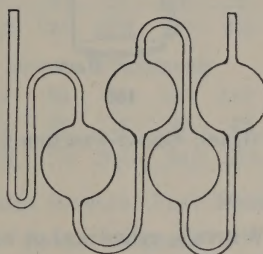
D38



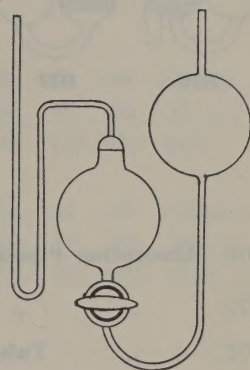
D42



D55



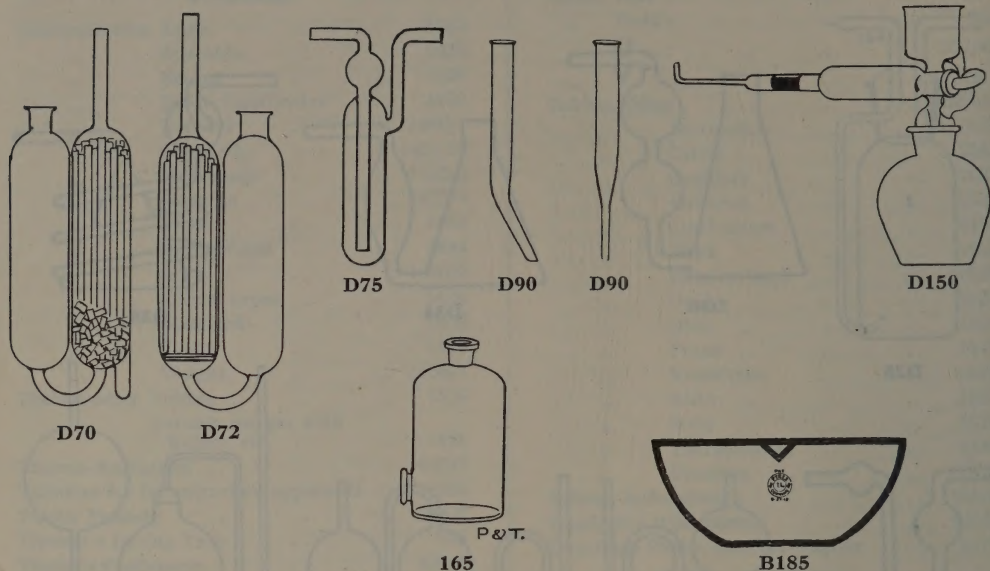
D59



D64

D25	Absorption Bottle , SODA-LIME, light, capacity 75 cc	..	..	..	each	5/6
D30	,, Flask , capacity 150 cc, with two bulbs	..	..	..	,,	2/2
D31	,, ,, ,, ,, with safety trap in top bulb	..	..	..	,,	2/5
D34	,, ,, ,, ,, another type..	..	..	..	,,	2/2
D38	,, ,, with worm and trap	..	..	..	,,	5/-
			4in. x 5in.	8in. x 6in.	12in. x 8in.	
D42	,, Worm , WINKLER'S	..	each	3/9	6/4	9/-
D55	,, Pipettes (GAS) , HEMPEL'S, 2-bulb for liquids, glass parts only	..	each	4/-		
D57	,, ,, ,, ,, 2-bulb for solids,	..	..	..	..	4/7
D59	,, ,, ,, ,, 4-bulb for liquids	..	..	..	..	6/3
D60	,, ,, ,, ,, 4-bulb for solids	..	..	..	..	6/9
D64	,, ,, ,, ,, { EXPLOSION PIPETTE, 2-bulb with stopcock }	..	..	..	..	12/10

D70 to B185



D70	Absorption Pipettes (GAS), ORSAT-FISCHER'S, with glass beads	..Each	8/6
D72	" " " "	{ with glass tubes resting on } perforated porcelain disc	" 8/6
D75	" Tube, WHITE'S, cylindrical or with 4 bulbs	.. .. .	" 2/-
D85	Acid Pumps and Siphon Tubes, made to specification.	Prices on application.	

D90	Adaptors, BENT OR STRAIGHT	Bent	8in x 1 1/4in	10in x 1 1/2in
			each - 9d	each - 11d
		per doz	8/6	10/3
		Straight	4in x 7/8in	10in x 1 1/4in
		each - 5d		each - 10d
		per doz	4/6	per doz 9/4

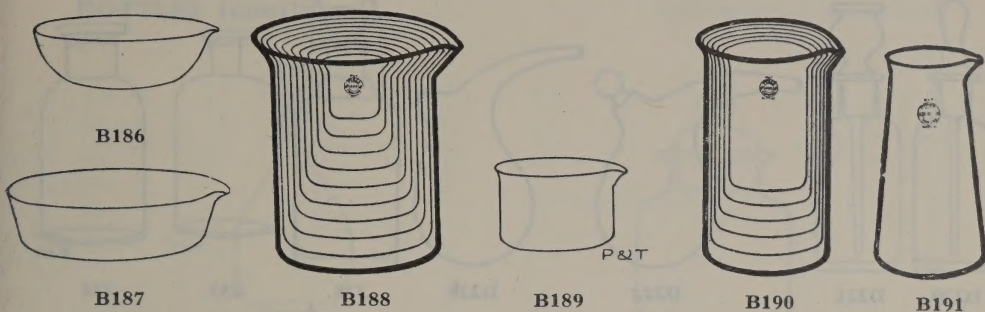
D150	Arsenic Apparatus, standard pattern		each	9/-
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D155	„	„	Tubes for above, hard resistance glass,					
			Length	18 cm		Length	23 cm	
			Per doz	2/6		Per doz	3/-	
	Aspirators,		Capacity	1	2	5	10 litres	
165		With tubulature ground inside	.. each	3/6	4/6	8/3	15/6	
166		With tubulature ground inside and stopcocks ground to fit	.. „	10/-	12/-	18/-	27/-	

Aspirators, Stopcocks for, see No. 1307.

B185	Basins, Evaporating, Pyrex.						
	Diameter ..	80	90	105	125	150	200mm
	Height ..	45	50	55	65	80	100 "
	Per dozen ..	19/1	22/1	25/6	40/10	56/3	70/-

B186 to B191



B186 Basins, Evaporating, Porcelain, BRITISH

ROYAL DOULTON												
Diameter	50	60	75	82	90	98	104	115	126	154	190	225mm
Height	19	21	25	28	30	33	38	40	44	48	64	75 "
Per doz	10/-	10/-	12/-	14/6	19/-	22/6	27/-	30/-	36/-	49/6	65/-	81/-

ROYAL WORCESTER												
Diameter	52	61	75	82	86	92	100	110	122	150	170	190mm
Height	22	25	30	32	35	39	43	45	51	49	58	58 "
Per doz	9/-	9/-	11/3	13/6	17/3	20/3	24/-	27/-	33/-	45/-	60/-	65/3

B187 Basins, Evaporating, Porcelain, BRITISH, FLAT FORM

ROYAL DOULTON												
Diameter	50	60	70	80	95	105	120	146	166	190	220	245mm
Height	..	10	10	14	18	20	23	30	33	45	60	72 "
Per doz	..	12/3	12/3	14/6	19/-	27/-	32/6	40/6	49/6	60/9	81/-	112/6

ROYAL WORCESTER												
Diameter	..	40	60	70	82	90	95	100	120	140	165	210mm
Height	..	12	14	15	20	21	22	28	35	42	46	50 "
Per doz	..	9/9	11/3	13/6	17/3	24/-	26/3	29/3	36/9	45/-	60/9	81/-

B188 Beakers, Griffin, Low Form, WITH SPOUT, Pyrex

Capacity	30	50	100	150	250	400	600	800	1000	1300	1500	2000	3000cc
Per doz	9/6	9/6	10/6	11/3	13/6	16/-	19/2	21/9	29/3	35/3	40/-	53/8	76/-

B189 Beakers, Shallow Form, WITH SPOUT, Pyrex

Nos	1	2	3
Height	2 $\frac{3}{8}$	3 $\frac{1}{8}$	3 $\frac{3}{8}$ in
Width	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5 "
Per dozen	16/-	19/2	21/9

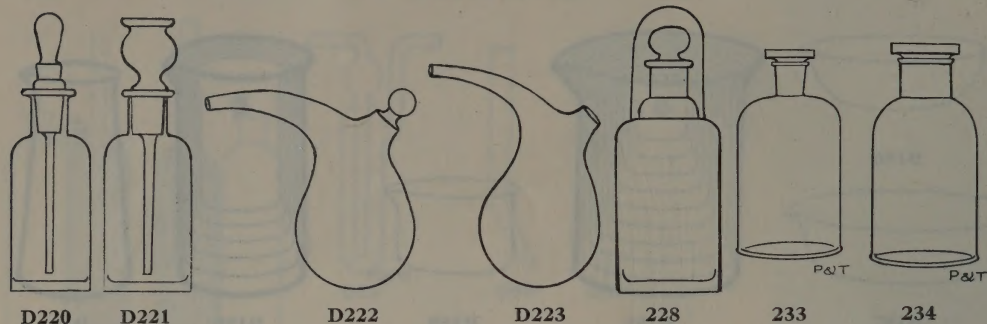
B190 Berzelius, Tall Form, WITH OR WITHOUT SPOUT, Pyrex

Capacity	50	100	150	200	300	400	500	600	800	1000cc
Per doz	9/6	10/6	11/3	12/6	14/-	16/-	17/6	19/2	20/9	29/3

B191 Conical or Phillips', Pyrex

Capacity	..	125	250	300	350	400	450	500	650cc
Per doz	..	10/3	12/9	13/6	14/3	15/-	15/9	16/9	18/6

B193 to 234



B193 Boats, Combustion, Porcelain, BRITISH

ROYAL DOULTON										
Length ..	60	72	70	75	80	86	98	100	118	150mm
Width ..	10	15	6	15	12	9	19	10	13	30 „
Per doz	14/-	15/9	15/9	15/9	19/-	16/6	27/-	24/9	27/-	40/6

ROYAL WORCESTER									
Length ..	45	60	70	75	75	115	100mm		
Width ..	12	10	6	11	15	13	18 „		
Per doz	14/3	14/3	15/9	15/9	20/3	27/-	31/6		

B194 Boats, Combustion, Fire Clay

4in $\times$ $\frac{11}{16}$ in O D $\times$ $\frac{7}{16}$ in I D Per dozen 2/6, per gross 24/9

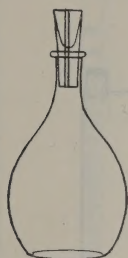
BOTTLES

D220	Dropping, WITH GROUND-IN TUBE AND INDIA-RUBBER TEAT								
						{ Capacity ..	15	30	60cc
						{ Each ..	1/-	1/2	1/4
						{ Per doz ..	11/-	13/-	15/-
D221	„ CHALK'S	..	..			{ Capacity ..	15	30	60cc
						{ Each ..	7d	8d	9d
						{ Per doz ..	6/6	7/6	8/6
D222	„ SCHUSTER'S, Stoppered	..				{ Capacity ..	30	60	100cc
						{ Each ..	1/3	1/4	1/6
						{ Per doz ..	14/-	15/-	17/-
D223	„ SCHUSTER'S, without Stoppers					{ Capacity ..	30	60	100cc
						{ Each ..	8d	9d	1/1
						{ Per doz ..	7/3	8/-	11/6
228	Ether, with Ground-on Cap	...	..			{ Capacity	125	175	250
						{ Each ..	3/9	4/6	5/-
233	Reagent, White Glass, NARROW MOUTH, Stoppered								
	Capacity ..	60	125	175	250	350	500	750	1000cc
	Each ..	8d	9d	10d	1/-	1/3	1/7	1/10	2/3
	Per doz ..	6/9	7/9	8/9	10/9	13/6	17/10	20/6	21/-
234	Reagent, White Glass, WIDE MOUTH, Stoppered								
	Capacity ..	60	125	175	250	350	500	750	1000cc
	Each ..	8d	10d	11d	1/1	1/4	1/9	2/1	2/3
	Per doz ..	7/6	8/9	10/-	12/-	14/9	18/6	22/6	22/9

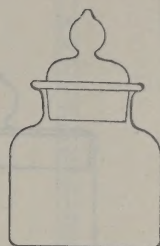
"DIAL" Glass is the Purest Made and does not deteriorate in Storage

235 to D257

BOTTLES (continued)



D248



D257

235	Reagent, White Glass, N M and W M, Stoppered, SAND-BLASTED LABELS								
	Capacity ..	60	125	175	250	350	500	750	1000cc
	N M, each ..	1/3	1/5	1/6	1/7	2/-	2/3	2/6	2/9
	„ per doz ..	13/6	14/9	15/8	17/3	20/-	24/3	27/6	30/-
	W M, each ..	1/4	1/6	1/7	1/8	2/1	2/5	2/9	3/-
	„ per doz ..	14/3	15/6	16/9	18/9	21/6	25/3	29/6	32/-
236	Reagent, White Glass, N M and W M, Stoppered, CUT LETTERS WITH COLOURED ENAMEL FILLINGS								
	Capacity ..	60	125	175	250	350	500	750	1000cc
	N M, each ..	1/7	1/8	1/9	2/-	2/4	2/6	2/10	3/-
	„ per doz ..	17/-	18/3	19/3	20/9	23/6	27/9	31/4	34/3
	W M, each ..	1/8	1/9	1/10	2/1	2/5	2/8	3/1	3/3
	„ per doz ..	17/9	19/-	20/4	22/3	25/-	28/9	32/8	36/8
237	Reagent, White Glass, N M and W M, Stoppered, INCORRODIBLE WHITE ENAMEL LABELS								
	Capacity ..	60	125	175	250	350	500	750	1000cc
	N M, each ..	2/-	2/3	2/8	3/-	3/9	4/2	4/10	6/-
	„ per doz ..	22/-	25/-	30/-	34/-	42/-	46/-	54/-	66/-
	W M, each ..	2/2	2/6	2/10	3/3	4/-	4/4	5/-	6/3
	„ per doz ..	24/-	28/-	32/-	36/-	44/-	48/-	56/-	68/-

Other Types, prices on application.

D248 **Specific Gravity, with Drilled Stoppers. CAREFULLY ADJUSTED AND MARKED FOR CAPACITY**

Capacity ..	10	25	50	100 grammes
Each ..	3/4	3/10	4/10	5/6

D249 **Specific Gravity, with Drilled Stoppers, UNMARKED FOR SCHOOLS**

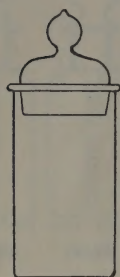
Capacity ..	25	50 grammes
Each ..	10½d	1/-
Per doz ..	10/-	11/-

D257 **Weighing, with Wide Mouth and Hollow Closed Stoppers or Ground-on Caps**

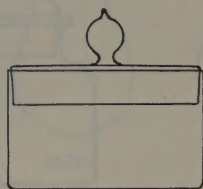
Height ..	2	2	2½	3ins
Diameter..	1¼	1¾	2	2 „
Each ..	1/4	2/-	2/8	2/11

D259 to 271

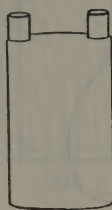
BOTTLES (continued)



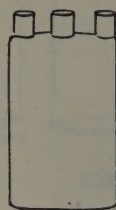
D259



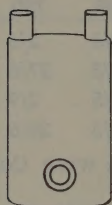
D260



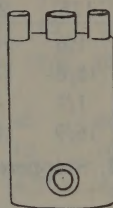
267



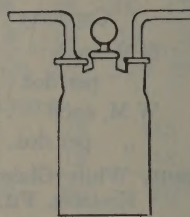
268



269



270



271

D259 Weighing, without Neck, Tall Form with Hollow Closed Stoppers or Ground-on Caps

Height ..	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{4}$ ins
Diameter ..	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	1	$1\frac{1}{2}$ „
Each ..	10d	1/-	1/6	$1/9\frac{1}{2}$	1/5	2/4
Per doz ..	9/6	11/6	16/9	18/9	14/6	26/6

D260 „ without Neck, Squat Form with Extra Wide Mouth and Hollow Closed Stoppers or Ground-on Caps

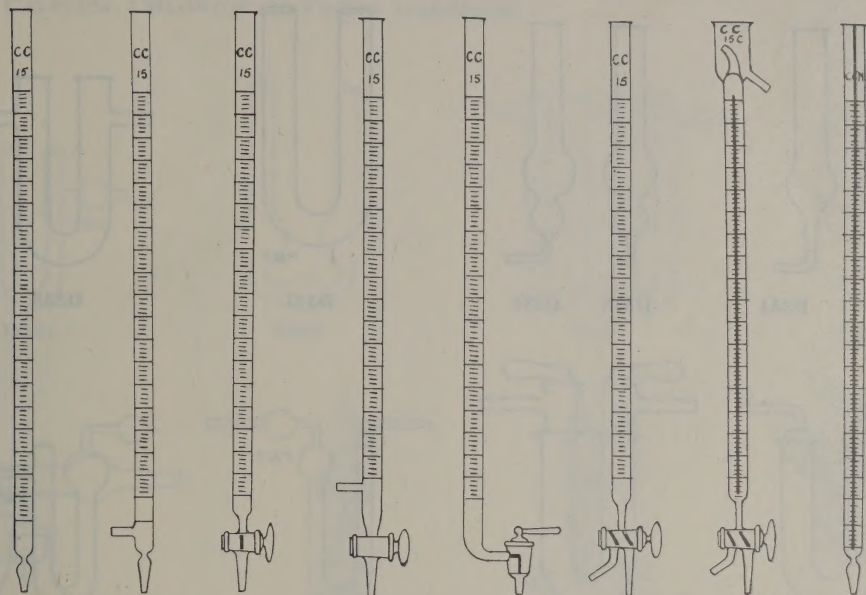
Height ..	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$ ins
Diameter ..	$1\frac{1}{2}$	2	$2\frac{1}{4}$ „
Each ..	2/6	3/4	5/2

Woulff's, Best White Glass, with Two or Three Necks

				Capacity ..	125	250	500	750cc
267				TWO NECKS, each ..	3/6	3/9	4/6	5/3
268				THREE NECKS „ ..	3/8	3/11	4/8	5/6
	„	„	„	„ WITH TWO OR THREE NECKS AND TUBULATURE				
				Capacity ..		500	750cc	
269				TWO NECKS, each		6/6	7/3	
270				THREE NECKS „		6/9	7/6	
271	„	„	„	„ WITH GROUND-IN STOPPERS AND TUBES				
				Capacity ..	250	500	1000cc	
				Each ..	7/9	9/6	11/3	

D301 to D322

BURETTES



D301

D302

D303

D304

D305

D306

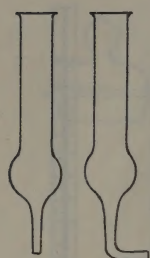
D307

D309

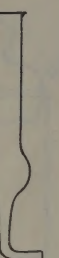
D301	Graduated, WITH JET AND PINCH COCK	{ To deliver 10 25 50 100 100cc Graduated in $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{5}$ $\frac{1}{10}$ Each .. 1/9 2/6 4/3 5/3 6/6
D302	WITH JET AND PINCH COCK WITH SIDE TUBE	{ .. 2/- 2/9 4/6 5/6 6/9
D303	WITH STOPCOCK	{ .. 3/6 4/8 5/9 7/9 9/3
D304	WITH STOPCOCK AND SIDE TUBE	{ .. 3/9 5/- 6/- 8/- 9/6
D305	WITH BEND AND STOPCOCK	{ .. 3/6 4/8 5/9 7/9 9/3
D306	WITH TWO-WAY STOPCOCK OBLIQUE BORE	{ .. 5/9 7/- 8/- 10/- 11/6
D307	WITH TWO-WAY STOPCOCK, OBLIQUE BORE, arranged for automatic filling	{ .. 8/9 10/3 12/- 14/- 15/6
	SCHELLBACH'S, with Enamelled Back and Central Blue Line	{ To deliver 25 50 100 100cc Graduated in $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{5}$ $\frac{1}{10}$ Each .. 4/10 7/- 7/9 9/9
D309	with Jet and Pinch Cock	{ .. 4/10 7/- 7/9 9/9
D310	with Stopcock, or with Bend and Stopcock	{ .. 7/- 9/9 11/6 13/-
D321	Burette Repairs, New Stopcocks fitted complete	 each 2/6
D322	New Plugs only	 1/6

D333 to D342

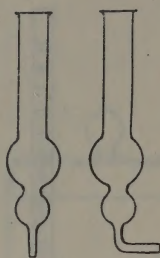
CALCIUM CHLORIDE DRYING TUBES



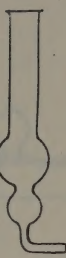
D333



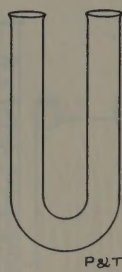
D334



D335

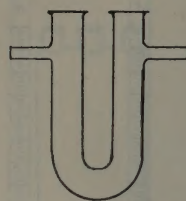


D336

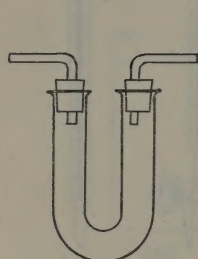


P&T

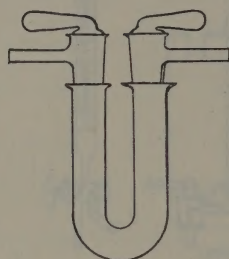
D337



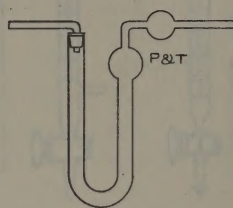
D338



D339

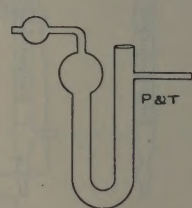


D340



P&T

D341



P&T

D342

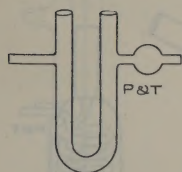
		Length	4	5	6	6	7	8	10ins
		Diameter	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	lin
D333	STRAIGHT FORM with One Bulb	{ Each ..	3d	$3\frac{1}{2}$ d	$3\frac{1}{2}$ d	$4\frac{1}{2}$ d	$4\frac{1}{2}$ d	5d	6d
		Per doz ..	2/6	2/9	2/9	3/3	3/9	4/3	5/-
D334	STRAIGHT FORM, with One Bulb and Bent End	{ Each ..	3d	$3\frac{1}{2}$ d	$3\frac{1}{2}$ d	$4\frac{1}{2}$ d	$4\frac{1}{2}$ d	5d	6d
		Per doz ..	2/6	2/9	2/9	3/3	3/9	4/3	5/-
D335	STRAIGHT FORM with Two Bulbs	{ Each ..	$3\frac{1}{2}$ d	$4\frac{1}{2}$ d	5d	$5\frac{1}{2}$ d	$5\frac{1}{2}$ d	6d	7d
		Per doz ..	3/4	3/6	4/3	4/6	4/6	5/-	6/3
D336	STRAIGHT FORM with Two Bulbs and Bent End	{ Each ..	$3\frac{1}{2}$ d	$4\frac{1}{2}$ d	5d	$5\frac{1}{2}$ d	$5\frac{1}{2}$ d	6d	7d
		Per doz ..	3/4	3/6	4/3	4/6	4/6	5/-	6/3

CALCIUM CHLORIDE U-TUBES

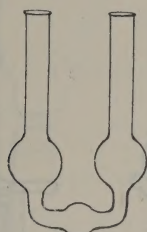
		Length	4	5	6	8	10ins
		Diameter	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	lin
D337	PLAIN FORM	{ Each ..	$4\frac{1}{2}$ d	$5\frac{1}{2}$ d	$6\frac{1}{2}$ d	9d	1/2
		Per doz ..	4/1	5/-	5/10	8/-	12/6
D338	.. with Side Tubes	{ Each ..	$6\frac{1}{2}$ d	9d	10d	1/-	1/4
		Per doz ..	5/8	7/8	9/-	10/10	14/10
D339	.. Stoppered with Bent Side Tubes	{ Each ..	1/10	2/-	2/8	3/4	—
D340	.. with Stoppers drilled at Sides	Each ..	2/5	2/11	3/5	4/6	—
D341	MARCHAND'S	{ Each ..	9d	10d	—	—	—
		Per doz ..	7/9	8/9	—	—	—
D342	FRESENIUS'	{ Each ..	9d	10d	—	—	—
		Per doz ..	7/9	8/9	—	—	—

D343 to D376

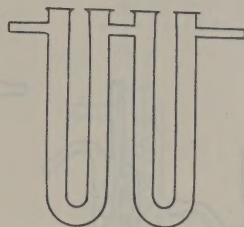
CALCIUM CHLORIDE U-TUBES (continued)



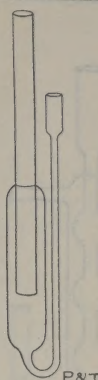
D343



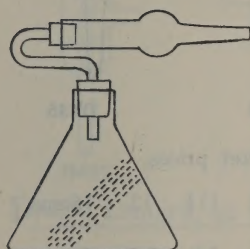
D344



D345



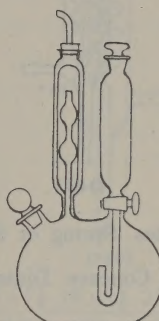
D350



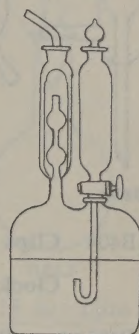
D365



D367



D368



D369

Length	4	5	6	8	10ins
Diameter	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	1in

D343	VOLLHARD'S	..	..	..	..	Each .. 9d	10d	—	—	—
						Per doz .. 7/9	8/9	—	—	—
D344	WOHLER'S	..	..	..	..	Each .. 9d	11d	1/2	—	1/6
						Per doz .. 7/6	9/9	12/-	—	16/6
D345	THORNER'S, with Double U-tube	..	..	..	..	..	..	..	each 4/-	

OTHER FORMS, prices on application.

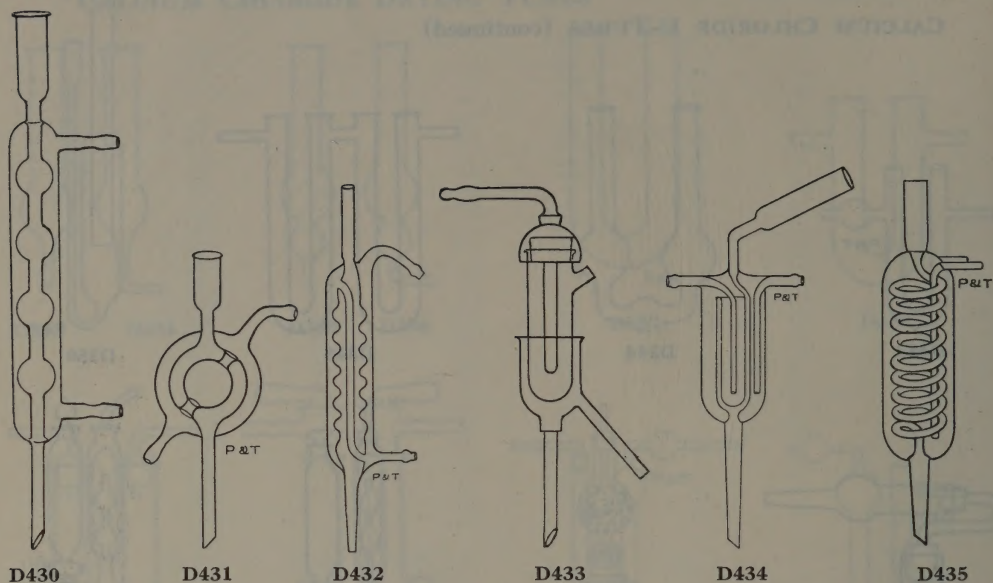
							Small	Medium	Large
D350	Calorimeter, ICE, BUNSEN'S, Pyrex Glass	..	..	Each	5/2	6/-	7/-		
D351	" " " Soda Glass	..	..	"	2/7	3/-	3/6		
D365	Carbon Dioxide Apparatus, FRESenius'	..	..	"	2/2	per doz 24/-			
D367	" " " PILLEY'S	..	..	"	2/3	"	25/-		
D368	" " " SCHROEDTER'S	..	..	"	6/3				
D369	" " " " with Bottom	..	..	"	7/3				
	ground to facilitate cleaning	..	..	"	7/3				

Carbon Tubes, EGGERTZ'

								Capacity 30cc
D375	Graduated Tubes	..	..	..	..	..	each	3/3
D376	Plain Tubes	..	..	..	..	..	"	7d

OTHER FORMS, prices on application.

B404 to D436



B404 **Clips** for Burettes, Spring or Screw patterns, at lowest market prices.

Clock Glasses, Concave Diameter 5 6½ 7½ 9 10 11½ 13 15cms

B405 With Plain Edges per doz 1/1 1/5 2/2 2/7 3/1 3/6 5/8 7/9

B406 With Ground Edges „ 1/8 2/2 3/3 3/11 4/9 5/3 8/6 11/9

D425 **Condensation Tubes**, prices against specification.

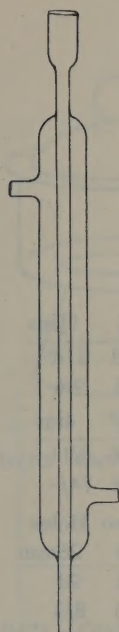
CONDENSERS

								Length of body		
								8	10	12ins
D430	ALLIHN'S	..	..	..	..	..	..	{ Each .. 3/9	4/-	4/6
								{ Per doz .. 41/6	44/6	50/-
D431	BALL	..	..	..	..	..	..	Each .. 6/6	—	—
D432	CONCERTINA PATTERN (P & T), Reflux, Body 12ins	..	..	..	..	..	..	Each	8/-	
D433	CRIBB'S	..	..	..	..	..	..	..	..	6/6
D434	„ with Totally Enveloping Outer Jacket	..	..	..	..	..	..	..	..	9/-
D435	INLAND REVENUE PATTERN, Standard size, with Water Inlet and Outlet on Shoulder	..	..	..	..	..	..	} Each	9/-	
									Per doz 101/-	
D436	INLAND REVENUE PATTERN, Standard size, with Water Inlet at Bottom	..	..	..	..	..	..	} Each	8/9	
									Per doz 98/-	

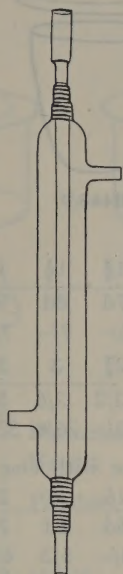
We invite your Enquiries for Glassware not shown in this List

CONDENSERS—(continued)

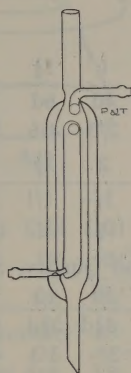
D437 to 454



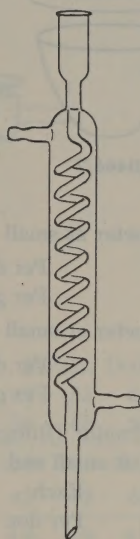
D437



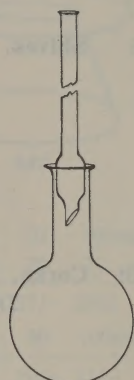
D438



D440



D441



D442

D437	LIEBIG's, all Glass	Dimensions	12 × 1½	15 × 1½	18 × 1½	21 × 1½	24 × 1½	30 × 1½	ins							
		Each	4/-	4/6	5/-	5/9	7/2	8/-								
		Per doz	44/6	50/-	55/6	64/-	80/-	90/-								
D438	LIEBIG's, with I R Connections	{ each	2/6	3/2	3/5	4/-	5/2	6/6								
		{ per doz	27/9	35/-	38/-	44/6	57/6	72/6								
D439	LIEBIG's, Inner Tubes only	Dimensions	22	26	30	34	40	42	ins							
		Each	1/-	1/2	1/3	1/5	1/9	2/-								
		Per doz	11/6	13/-	14/-	16/-	19/6	22/-								
D440	DOUBLE SURFACE	Length of body	6	8	10	12	16	20	ins							
		Each	5/9	6/9	7/6	9/-	101/-									
		Per doz	63/6	75/-	83/6	101/-										
D441	SPIRAL, with Inner Spiral Tube fused to Outer Tube	{ Length of body	8	10	12	16	20	ins								
		{ each	4/6	5/2	5/9	6/4	8/1									
D442]	AIR, consisting of Pyrex R B Flasks complete with Vertical Tube 1 metre long, ground into Neck	Capacity of flask	50	100	150	200	300	400	500	700	1000	1500	2000	cc		
		Each	3/3	3/4	3/7	3/10	4/2	4/6	4/10	5/5	6/-	6/9	7/4			
NOTE ON CONDENSERS.—We shall be pleased to make Delivery Tubes, inlet and outlet, to specified lengths and diameters; also to make outlet tubes to allow of any of above types of Condensers being used in a sloping position, thus avoiding breakage due to air space between top joint and inner tubes—at no extra charge.																
454	Corks, BARK	Diameter of small end	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅝	1⅞	2ins		
		Per doz	2d	2d	2d	3d	3d	3½d	4d	6d	1/-	1/3	1/6	1/9	2/-	2/6
		Per gross	1/6	1/6	1/6	2/6	2/6	2/6	3/-	4/6	9/-	10/-	11/-	12/-	13/6	18/-

455 to B469



B466/7



B468/9

455 Shives, BARK

Diameter at small end	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$ ins
Per doz	4d	6d	7d	7d	8d	9d	10d	11d
Per gross	3/3	4/6	5/6	6/-	7/-	7/6	8/6	9/6
Diameter at small end	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4ins
Per doz	1/-	1/1	1/5	2/2	2/6	5/1	5/6	6/11
Per gross	10/3	11/3	14/6	23/-	26/6	53/6	58/6	74/-

B456 Corks, RED RUBBER (Bungs), Good Quality, Solid or with One or Two Holes

Diameter at small end	8	10	13	14	16	17	21	24	26mm
Each	3 $\frac{1}{2}$ d	3 $\frac{1}{2}$ d	3 $\frac{3}{4}$ d	5d	5d	6d	7d	8d	9d
Per doz	3/-	3/-	3/3	4/-	4/-	5/3	6/9	7/3	8/3
Diameter at small end	27	28	32	38	41	50	56	63	66mm
Each	9d	10d	1/2	1/6	1/9	2/8	3/-	3/5	4/10
Per doz	8/3	9/-	13/-	17/-	20/-	29/-	34/6	39/6	56/-

NOTE.—Owing to the fluctuations of the Rubber Market, we cannot guarantee these prices.

CRUCIBLES, PORCELAIN, BRITISH

B465	CRUCIBLES, GOOCH'S	ROYAL DOULTON							
		Diameter at top	20	28	35	40mm			
		Height	32	32	41	43	..		
		Per doz	15/9	20/-	27/-	29/-			
		ROYAL WORCESTER							
		Diameter at top	20	27	35	42mm			
		Height	30	32	40	45	..		
		Per doz	15/9	20/3	27/-	29/3			

B466 CRUCIBLES

ROYAL DOULTON										
Diameter at top	14	18	32	39	41	47	57	70	84	96mm
Height	9	12	18	21	25	28	37	43	48	65
Per doz	4/6	5/6	7/6	10/-	12/3	15/9	22/6	27/-	31/6	38/-
Diameter	33	37	43	47	54	65	75	90	107mm	

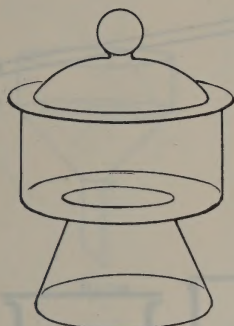
B467 COVERS FOR ABOVE Per doz 3/4 4/6 4/6 4/6 5/6 6/9 7/9 10/- 12/3

B468 CRUCIBLES

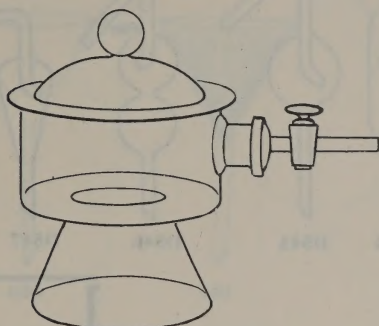
ROYAL WORCESTER										
Diameter at top	18	32	38	41	46	57	67	81	98mm	
Height	12	19	22	25	30	36	44	50	65	..
Per doz	5/9	11/6	8/9	10/6	13/6	18/9	22/6	27/-	33/-	
Diameter	39	42	46	52	65	76	90	107mm		

B469 COVERS FOR ABOVE Per doz 5/- 5/- 5/- 5/9 5/9 7/6 9/9 11/3

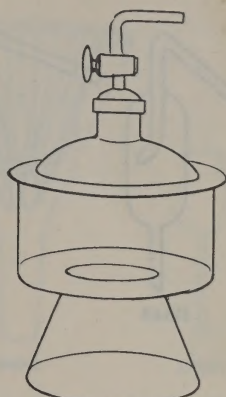
B470 to D542



520



521



522

B470 CRUCIBLES

		ROYAL DOULTON									
Diameter at top	29	31	35	42	53	64	74	92	95mm		
Height ..	..	19	25	26	34	42	50	58	70	72	..
Per doz ..	..	5/6	7/9	10/-	15/9	20/-	24/6	30/-	37/-	38/3	
		Diameter	33	37	43	47	65	75	90	100mm	

B471 COVERS FOR ABOVE

Per doz	3/4	4/6	4/6	4/6	6/9	7/9	10/-	11/-
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B472 CRUCIBLES

		ROYAL WORCESTER							
Diameter at top	26	30	36	41	55	65	78	89mm	
Height..	..	19	25	26	35	43	53	60	70 ..
Per doz	..	5/-	6/9	8/3	13/6	18/9	22/6	26/3	31/6
		Diameter	33	35	43	46	60	70	85 97mm

B473 COVERS FOR ABOVE

Per doz	5/-	5/-	5/-	5/-	5/9	7/6	9/5	11/3
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DESICCATORS

520 SCHEIBLER'S, Cover ground on, with Zinc Disc

Internal diameter at top	10	12½	15	18	20	22½	25cm
Each	5/-	5/6	7/-	11/-	16/6	20/9	27/6

521 SCHEIBLER'S, with Tubulature and Ground-in Stopcock at side

Internal diameter at top	10	12	15	18	20cm
Each	10/6	11/-	12/-	16/6	22/-

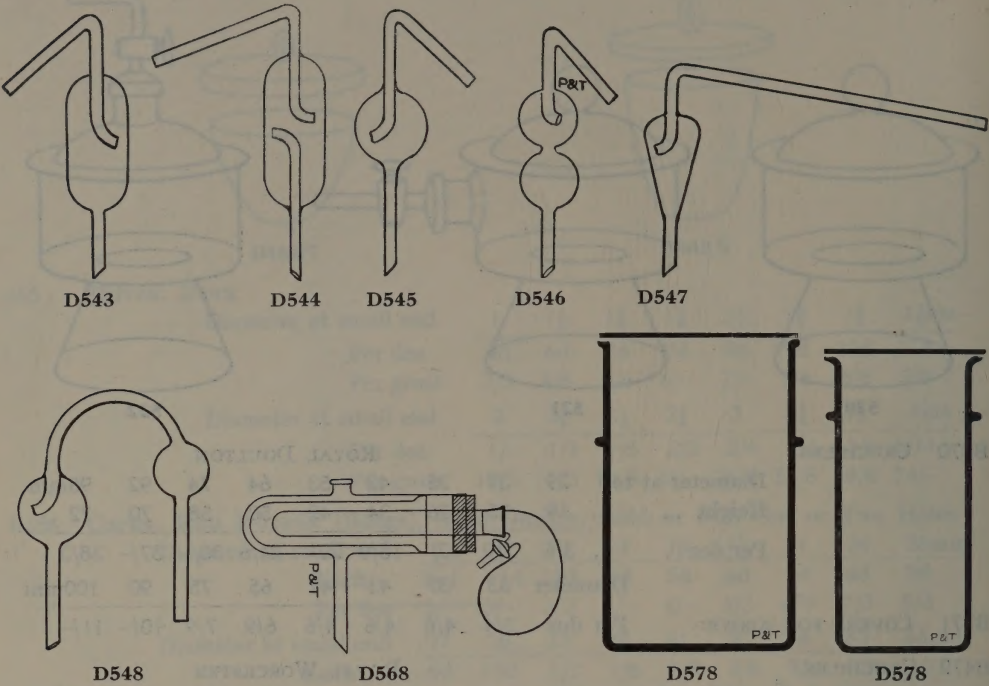
522 SCHEIBLER'S, with Tubulature and Ground-in Stopcock in Cover

Internal diameter at top	10	12½	15	18	20	22½	25cm
Each	10/6	11/-	12/-	16/6	22/-	26/3	33/-

D542 Distillation Apparatus for WATER, THORPE'S, Glass Parts only

Condenser as Nos. 435/6	..	..	..	..	each 8/9 and 9/-
Flask as No. 697	..	..	..	..	per doz 28/4
Connecting Tube ..	..	..	..	..	each 1/-

D543 to B627



Distillation Splash Heads

D543	„	„	RHODIN'S	..	..	..	..	..	each	2/3
D544	„	„	„	with Double Trap	..	..	..	..	„	3/2
D545	„	„	STUTZER'S	..	..	..	..	..	„	2/2
D546	„	„	„	with extra Bulb	..	..	..	..	„	2/11
D547	„	„	PEAR SHAPE,	with Safety Trap	..	..	..	..	„	1/8
D548	„	„	WAGNER'S	..	..	..	..	..	„	3/3

D568 Drying Apparatus, FISCHER'S, for use with Phosphorus Pentoxide, complete 30/-

B578 Dye Pots, PYREX	Capacity	600	1000cc
	Per doz	38/4	58/6

D595 Elutriators, prices against specification.

D600 Eudiometers, prices against specification.

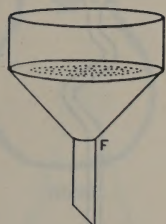
B627 Filter Discs, Porcelain, BRITISH ROYAL DOULTON

Diameter ..	25	35	40	45	60	70	90	110	135	180mm
Thickness..	3	3	3	3	3	4	4	5	6	6 „
Per doz ..	10/-	12/3	13/6	14/6	20/-	25/6	36/-	45/-	49/6	81/-

ROYAL WORCESTER

Diameter ..	22	27	34	37	38	40	49	50	94mm
Thickness ..	4	4	3	3	3	3	4½	4	5 „
Diameter of holes	2	2	2	3	2	2	4	2	2 „
Per doz ..	7/6	8/3	9/-	11/3	11/3	11/3	15/9	15/9	36/-

B628 to D633



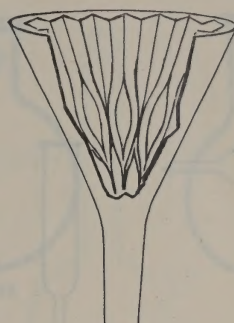
B629



630



631



B632



D633

B628 Filter Discs, Porcelain, Thin

, Porcelain, Thin		ROYAL DOULTON								
Diameter		12.5	15	19	21	24	30mm			
Thickness		1	1	1	1	1	1.5	„		
Per doz		10/-	10/-	10/-	10/-	10/-	11/-			
		ROYAL WORCESTER								
Diameter	..	12.5	15	15	20	23	24	25	30	33mm
Thickness	..	1	1	1.5	1	1	1	1	2	2 „
Diameter of holes		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2 „
Per doz	..	9/9	9/9	9/9	9/9	9/9	9/9	9/9	11/3	12/-

B629 Filter Funnels, Büchner's, Porcelain, BRITISH

		ROYAL DOULTON							
External diameter	52	63	80	112	128	155	205mm		
Height	..	..	81	107	125	162	180	215	260 „
Each	..	..	3/9	4/6	6/6	8/6	11/3	14/3	20/3
		ROYAL WORCESTER							
Internal diameter	51	62	79	100	130	140	170	214	240 277mm
Each	.. 4/6	6/-	7/6	9/-	12/9	15/-	18/9	22/6	27/- 36/-

630 Filter Funnels, Glass, PLAIN, Sides inclined at correct angle, 60°

Diameter at top	2½	4	5	6½	7½	9	10	11½	13	15cm
Each	.. 6d	7d	7d	8d	9d	11d	1/-	1/2	1/4	1/9
Per doz	.. 5/4	5/10	6/4	7/3	8/2	10/9	10/9	12/6	14/6	19/-

631 „ „ Glass, RIBBED, prices as for No 630

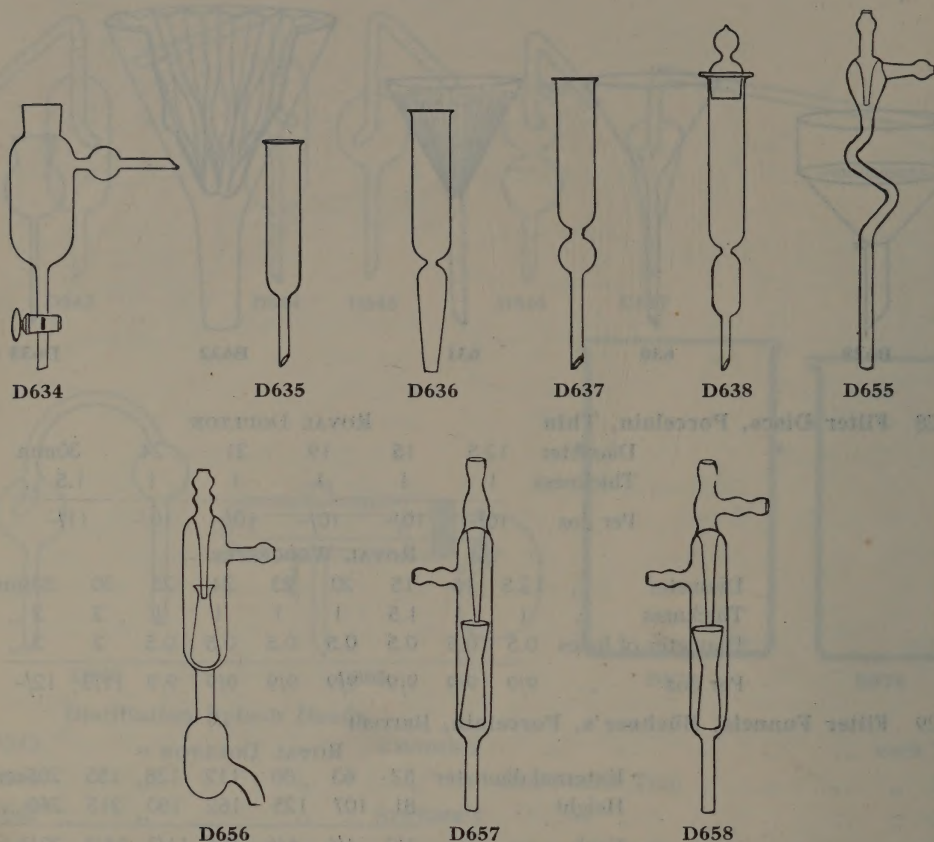
B632 „ „ Glass, IMPROVED FORM FOR RAPID FILTRATION, with Deep Fluting

Diameter at top	7	9	11	16cm
Each	..	..	1/-	1/4 1/8 2/5
Per doz	..	..	10/6	14/- 18/- 26/-

D633 Filter Funnels, Glass, FOR GOOCH'S CRUCIBLE

Diameter	18	23	30	36mm approximately
Each	.. 5d	6d	10d	1/-

D634 to 659



D634	Filtering Tubes, FOR GOOCH'S CRUCIBLE, with Stopcock		each 5/2
D635	 WITHOUT CONSTRICTION, Hard Glass	Length 15 20cm each .. 1/5 1/6	
D636	 WITH CONSTRICTION, "Dial" Soda Glass, length 140mm	each 5d	
D637	 WITH BULB AND CONSTRICTION, "Dial" Soda Glass, length 155mm	 6d	
D638	 WITH BULB AND STOPPER, "Dial" Soda Glass	150 200 250mm each 1/6 1/10 2/-	
B650	Filter Papers, BEST BRITISH MAKES. All sizes can be supplied at makers' fixed prices.		
D655	Filter Pumps, GEISSLER'S	.. ..	each 1/9
D656	 UNIVERSITY COLLEGE PATTERN	.. ..	2/6
D657	 VOLLHARD'S	.. ..	2/3
D658	 with Side Tube for Gauge	.. ..	2/6

NOTE.—We can make pumps suitable for any water pressure on receipt of sample satisfactory pump.

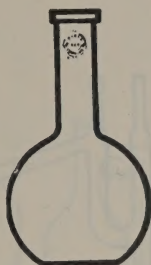
659 Jena Glass-Filter Apparatus, special price list on application.

"DIAL" Glass is the Purest Made and does not deteriorate in Storage

B680 to B688



B680



B683



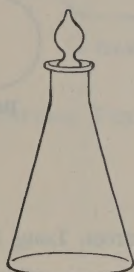
B684



B685



B686



B687



B688

B680 Flasks, BEAKER OR BREWER, PYREX

Capacity	100	200	300	400	500	600cc
Per doz	11/3	13/6	15/-	19/6	23/-	26/-

B681 „ BOILING, FLAT BOTTOM, Vial Mouth, PYREX

Capacity	50	100	125	150	200	250	300	400	500	700	1000	1500	2000	3000cc
Per doz	9/3	9/6	10/6	11/3	12/-	13/-	13/6	14/9	16/-	20/-	23/3	28/-	32/9	41/8

B682 Flasks, BOILING, ROUND BOTTOM, Vial Mouth, PYREX

Capacity	50	100	150	200	300	400	500	700	1000	1500	2000	3000cc
Per doz	9/3	9/6	11/3	12/-	15/3	17/6	20/-	24/9	30/6	38/3	43/3	58/6

B683 „ BOILING, FLAT BOTTOM, Ring Neck, PYREX

Capacity	500	700	1000	1500	2000	3000cc
Per doz	20/9	25/-	30/-	36/-	42/6	54/-

B684 „ „ ROUND BOTTOM, Short Ring Neck, PYREX : Prices as for No 683

B685 „ EXTRACTION, Wide Neck, Vial Mouth, PYREX (recommended for use as CO₂ Flasks)

Capacity	50	100	150	250	500	1000cc
Per doz	8/9	9/6	10/6	11/3	16/-	29/3

B686 „ ERLLENMEYER, NARROW MOUTH, PYREX

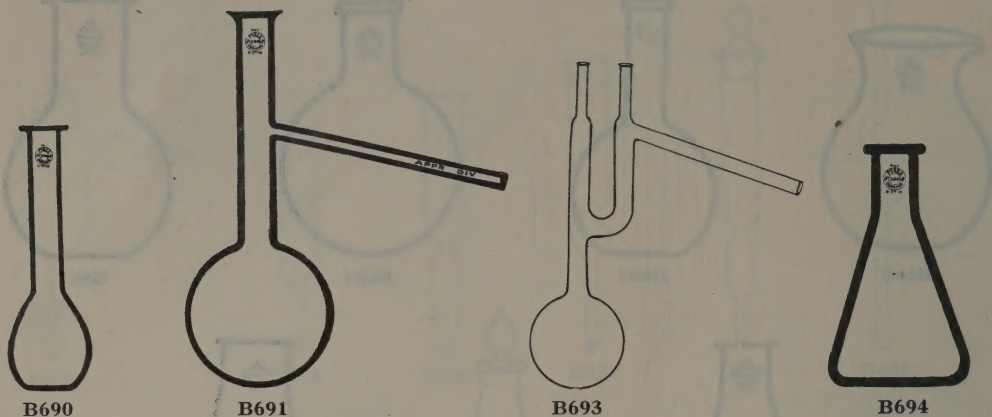
Capacity	25	50	100	125	150	200	250	300	500	600	750	1000	1500	2000cc
Per doz	8/9	8/9	9/6	9/6	9/6	11/3	12/-	13/6	16/-	16/9	18/6	22/9	28/-	32/9

B687 Flasks, ERLLENMEYER, STOPPERED, PYREX, 25cc to 500cc .. 1/9 each extra to prices of B686

B688 „ „ WIDE MOUTH, PYREX

Capacity	50	100	250	500	750	1000	2000cc
Per doz	8/9	9/6	12/-	16/-	18/6	22/9	32/9

B689 to B694



FLASKS—(continued)

B689 Flasks, KJELDAHL, ROUND BOTTOM, Long Neck, PYREX

Capacity	300	500	650	800cc
Per doz	15/3	20/-	22/9	24/9

B690 „ „ FLAT BOTTOM, PYREX

Capacity	300	500cc
Per doz	15/3	20/-

B691 „ „ DISTILLATION WITH SIDE ARM, PYREX

Capacity	25	50	100	125	200	250	300cc
Per doz	20/-	21/9	24/9	27/3	30/-	32/9	35/3
Capacity	400	500	700	1000	1500	2000	3000cc
Per doz	36/9	38/3	55/3	63/-	81/-	87/-	117/-

B692 „ „ DISTILLATION, ENGLER, PYREX, accurately dimensioned to standard specification

Capacity	100cc
Each ..	2/9
Per doz	32/9

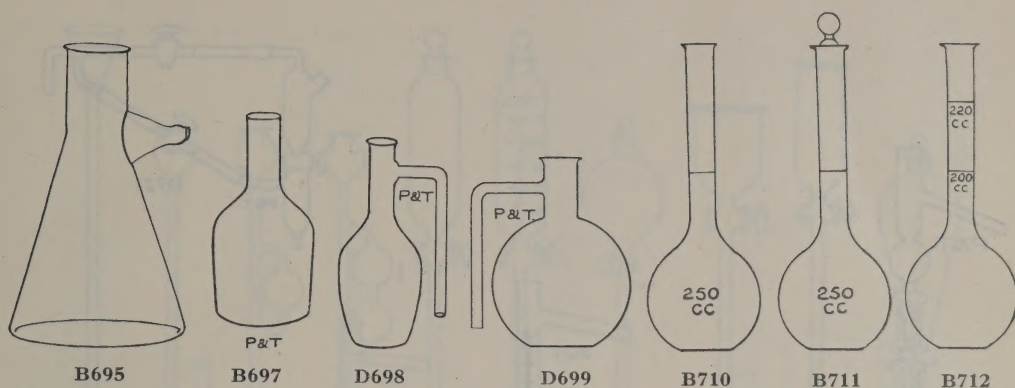
B693 „ „ CLAISEN, PYREX OR SODA

Capacity ..	50	100	125	150	175	250cc
Pyrex, each	4/6	4/8	4/8	5/-	5/6	6/4
Soda „	2/3	2/4	2/4	2/6	2/9	3/2

B694 „ „ FILTER, WITHOUT TUBULATURE, PYREX

Capacity	250	500	1000	2000	4000cc
Per doz	21/9	29/3	45/6	63/-	111/-

B695 to B712

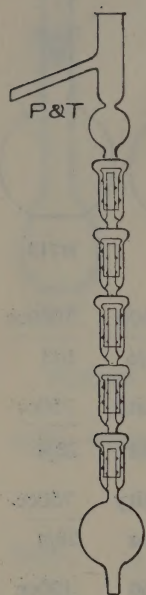


B695 Flasks, FILTER, WITH TUBULATURE, PYREX					Capacity	250	500	1000cc
Each ..					3/3	3/6	5/3	
B696	„	O'SULLIVAN, PYREX	...	..	..	..	Capacity	750cc
							Per doz	28/4
B697	„	THORPE'S		..	..	..	Capacity	750cc
							Per doz	28/4
D698	„	YEAST, PYREX OR SODA		..	..	Capacity ..	50	100cc
							Pyrex, each	2/- 2/4
							„ per doz	22/- 26/-
							Soda, each	1/- 1/2
							„ per doz	11/- 13/-
D699	„	YEAST, Globular, PYREX OR SODA		..	..	Capacity ..	50	100cc
							Pyrex, each	2/- 2/4
							„ per doz	22/- 26/-
							Soda, each	1/- 1/2
							„ per doz	11/- 13/-

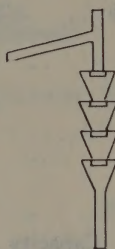
NOTE.—Flasks, other patterns : We shall be pleased to make in Pyrex or Soda special flasks to any shape as required, up to 250cc capacity.

Flasks, MEASURING, with One Mark		Capacity	25	50	100	200	250	500cc
B710	Unstoppered each	1/2	1/4	1/6	1/10	2/1	2/6	
B711	Stoppered „	1/6	1/8	1/10	2/4	2/7	3/-	
„ MEASURING, with Two Marks		Capacity	50-55	100-110	200-220	500-515cc		
B712	Unstoppered, each	1/6	2/-	2/9	3/3			

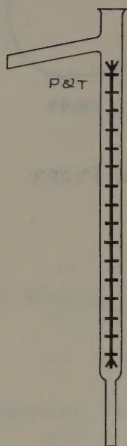
D721 to D733



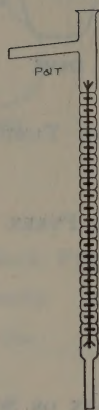
D725/7



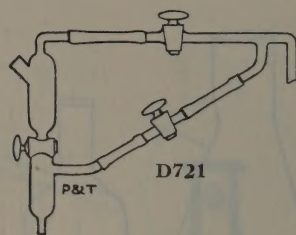
D728/30



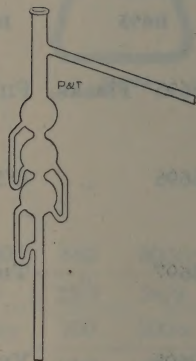
D731



D732



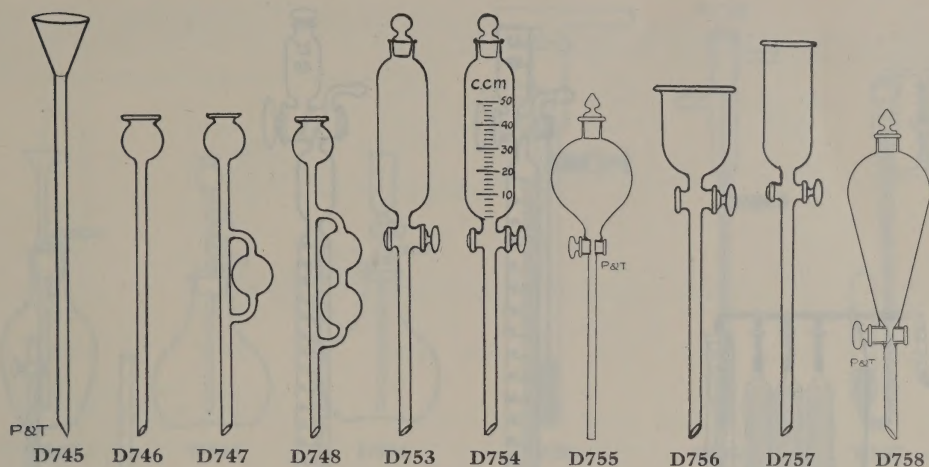
D721



D733

D721	Fractional Distillation Apparatus, GEISSLER'S Reduced Pressure Receiver (PERKIN TRIANGLE) each 25/6							
D725	Fractional Distillation Columns, YOUNG & THOMAS'S, 3-section .. ,, 11/8							
D726	..	..	..	..	5-section	..	..	18/-
D727	..	..	..	..	8-section	..	..	28/6
D728	..	..	..	SYDNEY YOUNG'S, with 4 pear-shaped Bulbs			..	2/4
D729	..	..	..	..	8	..	..	3/9
D730	..	..	..	..	12	..	..	5/6
D731	..	..	..	..	ROD AND DISC PATTERN, 15 Discs			2/9
D732	..	..	..	..	ROD AND DISC PATTERN, 20 Discs and Constrictions			.. 3/-
D733	..	..	..	LE BEL AND HENNINGER'S, 4-bulb				.. 5/9

D745 to D758

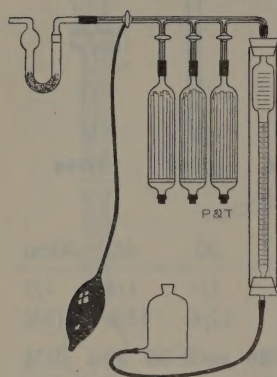


D745 Funnels, ACID, with Long Tube and Conical Head

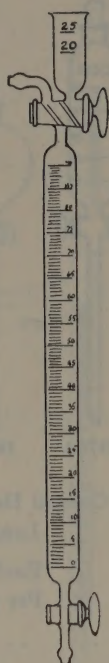
Length ..	20	30	45	50cm
Each ..	9d	1/-	1/4	1/7
Per doz ..	8/6	12/6	15/6	18/6

D746	..	THISTLE, Plain	..	..	..	Length 8in	each	3d	doz	2/3½	
	..	..	..	..	..	..	12	..	3½d	2/11	
	..	..	..	..	..	..	18	..	5d	4/8	
D747	..	..	with Bend and One Bulb	..	..	..	12	..	8½d	8/-	
	..	..	..	..	..	..	18	..	9½d	9/-	
D748	..	..	with Bend and Two Bulbs	..	..	..	16	..	11½d	11/-	
	..	..	..	..	..	prices as for No 1330					
D753	..	Separating, CYLINDRICAL, with Ground Stopper and Stopcock, Ungraduated									
		Capacity	30	50	100	150	250	500	750	1000cc	
		Each	..	3/9	4/2	4/9	5/3	6/-	8/4	10/4 12/-	
D754	..	..	CYLINDRICAL, with Ground Stopper and Stopcock, Graduated								
		Capacity	30	50	100	150	250	500	750	1000cc	
		Each	..	5/8	6/3	7/3	8/-	9/-	12/6	15/6 18/-	
D755	..	..	BULB SHAPE, with Ground Stopper and Stopcock								
		Capacity	30	50	100	150	250	500	750	1000cc	
		Each	..	3/4	3/6	4/9	5/6	6/6	8/4	10/4 12/-	
D756	..	..	CUP SHAPE, with Stopcock				Capacity 30 50 100cc				
							Each .. 2/10 3/4 4/3				
D757	..	..	CUP SHAPE (Elongated), with Stopcock, capacities and prices as No. 756								
D758	..	..	PEAR SHAPE, with Stopper and Stopcock, capacities and prices as No. 755								

D770 to D792



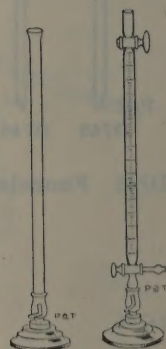
D771



D785



D785/6



D792

Gas Analysis Apparatus, ORSAT-FISCHER, complete in Wooden Case

D770	TWO-PIPETTE APPARATUS	..	..	..	..	..	..	each	85/-
D771	THREE	..	..	..	..	..	..	..	100/-
D772	PARTS—Tree with Three Stopcocks	..	..	..	..	..	..	..	19/2
D773	Four	..	..	..	..	..	..	..	21/2
D774	Burette with Jacket	..	..	..	..	..	..	..	14/6
D72	Absorption Pipette filled with Glass Tubes resting on								

Perforated Porcelain Disc .. 8/6

D775 .. but without Disc .. 5/7

D776 Bottle with Tubulature .. 2/6

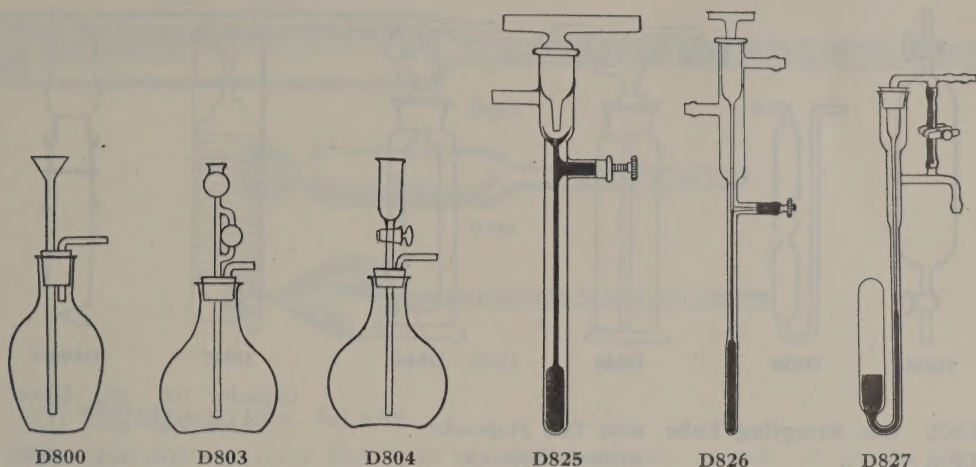
D777 Gas Analysis Apparatus, BONE AND WHEELER'S, Glass Parts only, prices on application

REPAIRS TO GAS ANALYSIS APPARATUS.

We are prepared to alter and to repair all kinds of Gas Apparatus

D785	Gas Burette, BUNTE'S, 10-0 on Cup and 100cc in fifths	..	..	each	18/-
D786	 with Water Jacket	..	..	..	23/-
D787	 with Bulb under Stopcock graduated 15-0 on Cup and 0-45cc in fifths	..	..	..	20/-
D788	 with Bulb under Stopcock graduated 15-0 on Cup and 0-45cc in fifths with Water Jacket	..	..	..	25/-
D792	.. HEMPEL'S, graduated 100cc in fifths on Wooden Stand and with Levelling Tube and Stand, without Rubber Tubing	..	..	..	20/-

D800 to D827



D800 Gas Developing Bottles, PYREX F.B. Flasks with Soda Bent Tube, Funnel and Rubber Bung

Capacity..	250	500	700	1000cc
Each ..	2/4	3/-	4/-	5/-

D803 ,, ,, PYREX F.B. Flasks with Safety Funnel and with one Bend and Tube and Rubber Bung

Capacity..	250	500	700	1000cc
Each ..	2/10	3/6	4/6	5/6

D804 ,, ,, PYREX F.B. Flasks with Separating Funnel and Tube and Rubber Bung

Capacity ..	250	500	700	1000cc
Each ..	5/4	6/-	7/-	8/-

Nos. 800, 803 and 804 can be obtained with Ground Glass Stoppers, at 2/- extra on each size

815 Gas Jars, CYLINDRICAL, WITH GROUND FLANGE

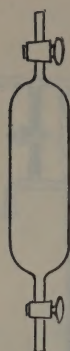
Inside diameter	4	5	4	5	5	5	6½	8	6	6½	8cm
Height	15	15	20	20	25	30	30	30	35	40	50 „
Each	10d	10d	11d	1/3	1/5	1/6	1/9	2/7	2/2	2/5	5/-
Per doz	8/3	9/-	9/9	12/9	14/6	15/6	19/-	27/6	23/3	26/3	54/3

D825 Gas Regulator, REICHERT'S each 9/6

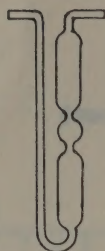
D826 ,, ,, for Large Burners 14/6

D827 ,, OSTWALD'S, for use with Toluol 15/-

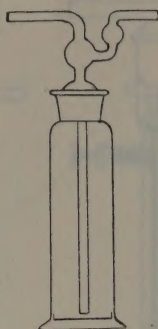
D835 to D900



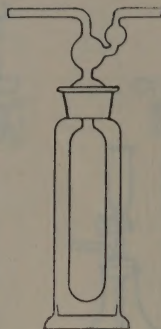
D835



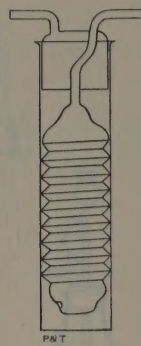
D838



D845



D846



D847



D890/3

					Capacity	100	250	500cc
D835	Gas Sampling Tube, with Two Stopcocks	..	..	each	7/6	8/-	11/3	
D836	„ „ without Stopcock	..	..	..	1/2	2/4	4/8	
D838	„ „ TODD'S, for use with Aspirator	..	..	..	each	1/9		
					Capacity	125	250cc	
D845	Gas Washing Bottle, DRECHSEL'S	..	..	..	each	4/-	5/6	
D846	„ „ „ with Wide Inner Tube	..	..	..	6/9	8/-		
D847	„ „ IMPROVED FORM	..	..	..	8/-	-		
B860	Gauze, WIRE, in Squares, with or without Asbestos Centres, at lowest current prices							
B865	Glass Covers, Flat, for Jars, etc., Edges Ground							

CIRCLES, UNGROUND

	Diameter	2	2½	3	3½	4	4½	5	6ins
Stout Sheet Glass	per doz	1/-	1/3	1/8	2/3	3/-	3/9	4/8	6/9
Extra Stout Sheet Glass	„	1/2	1/6	2/-	2/8	3/9	4/6	6/-	7/9

B866

CIRCLES, GROUND ONE SIDE

	Diameter	2	2½	3	3½	4	4½	5	6ins
Stout Sheet Glass	per doz	1/2	1/6	2/-	2/8	3/9	4/6	6/-	7/9
Extra Stout Sheet Glass	„	1/6	1/8	2/8	3/5	4/6	5/3	7/6	9/9

(Covers can be cut accurately to any diameter)

B870	Glass Wool, Best British, Lead Free	Made from Soft Soda Glass	..	per lb.	7/6
		Made from Pyrex or other glasses,	prices on application		

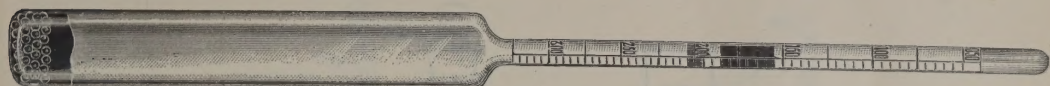
Ground Joints, Glass, length of Joint about ¾ in.

		Diameter of tubing	10-12	12-15	15-20	20-25	25-30	30-35	35-40mm
D890	Ordinary Tubing } each	2/-	2/3	3/-	3/6	4/9	5/6	6/6	
	Plain								
D891	Ordinary Tubing } „	2/6	2/9	3/6	4/-	5/3	6/-	7/-	
	with Hooks								
D892	Capillary Tubing, diameter about 6-7mm, any Bore	..	..	..	..	..	..	each	3/-
D893	„ „ „ „ with Hooks	..	..	..	..	..	..	..	3/6

NOTE.—We can make Ground Glass Joints to customers' specification in special and in large sizes, also between glasses of different kinds, e.g., Soda-Pyrex, Soda-Lead, etc.

D900	Haldane's Apparatus for the Analysis of Mine Gases, Glass Parts only, prices on application								
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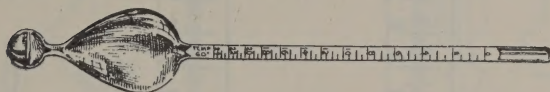
B930 to B956



B932



B944



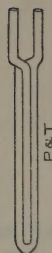
B952

HYDROMETERS, GLASS

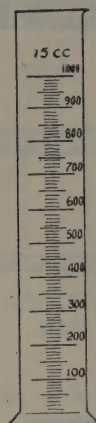
B930	ACCUMULATOR, Small Flat, 1,100 to 1,250°, about 4ins	..each	1/8	per doz	18/-
B931	" " " 1,150 to 1,300°, " 4 "	.. "	1/8	"	18/-
B932	" Large " 1,050 to 1,300°, " 8 "	.. "	2/-	"	22/6
B938	BARKTROMETER, 0-100°, 0-120°, etc	..	4/-	"	45/-
B939	BAUMÉ, for Heavy Fluid, 0-50° (Syrups)	..	3/3	"	36/-
B940	" for Light Fluid, 50-10°	..	4/10	"	54/-
B941	BRINE, 0-100°, Shot Poised	..	3/3	"	36/-
B942	BRIX, 30-90°, or to requirements	..	4/10	"	54/-
B944	LACTOMETERS, $\frac{1}{4}$ Milk Scale only, with Test Jar and Card Case	..	3/3	"	36/-
	" " without Test Jar in Card Case	..	1/8	"	18/-
B946	FOR LIGHT OILS, 600-700°, 700-800°, 800-900°, 900-1000°	..	2/10	"	31/6
B948	SIKES, Proof Spirit, 40° under to 60° over proof, Mercury } Poised with Direction }	..	3/3	"	36/-
B949	SIKES, Proof Spirit, 40° under to 60° over proof, Shot Poised } with Direction }	..	3/3	"	36/-
B950	TWADDELL'S, 1-3 Shot Poised, length about 5ins	..	1/9	"	18/-
	" 4-5 " "	..	2/-	"	22/6
	" 6 " "	..	2/6	"	27/-
B952	" 1-3 Mercury Poised, length about 5ins	..	1/11	"	21/-
	" 4-5 " "	..	2/3	"	25/6
	" 6 " "	..	2/9	"	30/-
B954	" 1-3 Shot Poised, length about 8ins	..	2/3	"	24/-
	" 4-5 " "	..	3/-	"	33/-
	" 6 " "	..	3/8	"	40/6
B956	" 1-3 Mercury Poised, length about 8ins	..	2/6	"	27/-
	" 4-5 " "	..	3/3	"	36/-
	" 6 " "	..	3/10	"	43/6

OTHER TYPES, prices on application

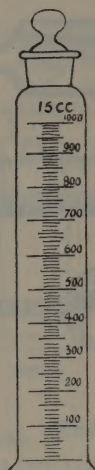
960 to D1015



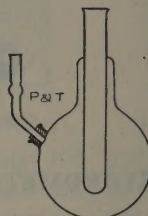
D991



B1001



B1002



D1012

960 Hydrometer Jars, with Foot and Spout, Cylindrical, Ungraduated

Height..	15	15	18	20	20	20	25	25cm
Diameter	3	4	4½	4	5	6½	5	7 „
Each ..	9d	10d	11d	11d	1/2	1/5	1/4	1/11
Per doz	7/6	8/6	9/6	9/6	12/6	15/-	14/-	20/6
Height..	30	30	30	30	35	35	35	45cm
Diameter	4	5	6½	8	4	5	6½	5 „
Each ..	1/5	1/6	1/8	3/1	1/6	1/10	2/4	3/-
Per doz	15/-	16/-	18/-	32/9	16/-	20/-	25/-	32/6

B970 Litmus Papers and other Test Papers in Books, etc, at lowest current prices

Manometer, SCHIELE'S

								Length	30	40cm
D990	Graduated	..	..	..	..	..	..	..each	7/3	8/9
D991	Ungraduated	..	..	..	..	..	..	.. „	6/-	6/9

B1001 Measuring Jars, Cylindrical, UNSTOPPERED, with Spout, Graduated

Capacity ..	10	25	50	100	250	500	1000cc
Graduation	1	2	5	5	20	50	100 „
Each ..	1/4	2/3	2/5	3/-	4/-	5/6	7/8

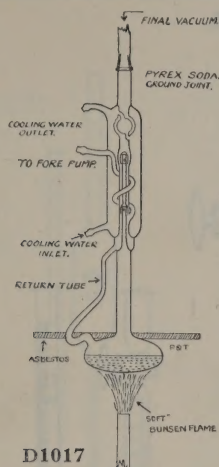
B1002 „ „ CYLINDRICAL, STOPPERED 1/10 2/8 3/3 3/6 4/9 6/6 9/3

D1012 Melting Point Apparatus, ANSCHÜTZ, capacity 150cc each 4/6

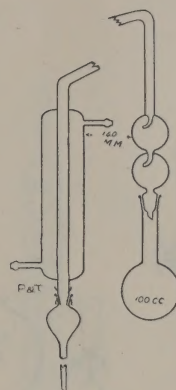
D1013 „ TUBES, 60mm, closed at one end per doz 4d, per gross 3/9

„ „ OTHER TYPES, prices on application

D1015 Mercury Purification Apparatus, consisting of a length of wide Glass Tubing having at the top a Funnel with tube drawn to a fine point and at the bottom a Bent Tube to allow the Mercury to flow out. Funnel and Bent Tube are held in position by Corks, complete.. } 9/-



D1017 to D1043



D1035

D1017 MERCURY VAPOUR PUMP

The pump illustrated is the latest and most efficient type of M.V. pump, and is made throughout in Pyrex glass. A Soda-Pyrex joint is provided for the top of the pump. Used in conjunction with a water pump, it will exhaust 1 litre down to hardness in under three minutes.

DIRECTIONS FOR USE.

The Water Pump provided should be used.

It is advisable to have some vessel between the Pump and Water Pump (in addition to the valve) to prevent accidental backflow of water. 20cc of Mercury are necessary, and boiling can be accomplished by means of a Bunsen burner, the pressure of the Mercury being kept at from 9-10cm, as indicated by the return tube at side. If an oil pump is used as fore pump, the M.V. pump can be boiled at a much smaller rate. The upper part of the Boiler and Pump should be protected by means of a sheet of Asbestos with a hole through which the bottom of boiler projects. The Bunsen flame should be a "soft" flame, and should not extend beyond the Mercury level. The tube connecting the pump with the vessel to be exhausted should be as wide as possible, in order that the action may be rapid.

See that water is running through cooling jacket before using pump.

Two-stage M V Pump	..	..	..	..	..	..	..	each	95/-
Water Pump	..	..	..	..	..	..	..	..	4/6

D1020 Mercury Distillation Apparatus in Pyrex, made to specification

D1035 Micro-Kjeldahl Apparatus, for Nitrogen Estimation

Complete with Three Flasks interchangeable ..each 27/-

B1040 Microscopic Slides and Coverslips

		SLIDES, ENGLISH, Half White, 3ins x 1in, with Ground Edges			
		Ordinary	Thin	Extra Thin	
	Per gross	3/9	4/-	4/10½	
	SLIDES, FOREIGN, White Thin	..	..	per gross	6/3
B1041	COVERSLIPS, ENGLISH	No 1 Squares ¾in	per oz	5/3	
		No 2 " "	" "	3/9	
		No 1 Circles	" "	6/-	
		No 2 " "	" "	4/6	

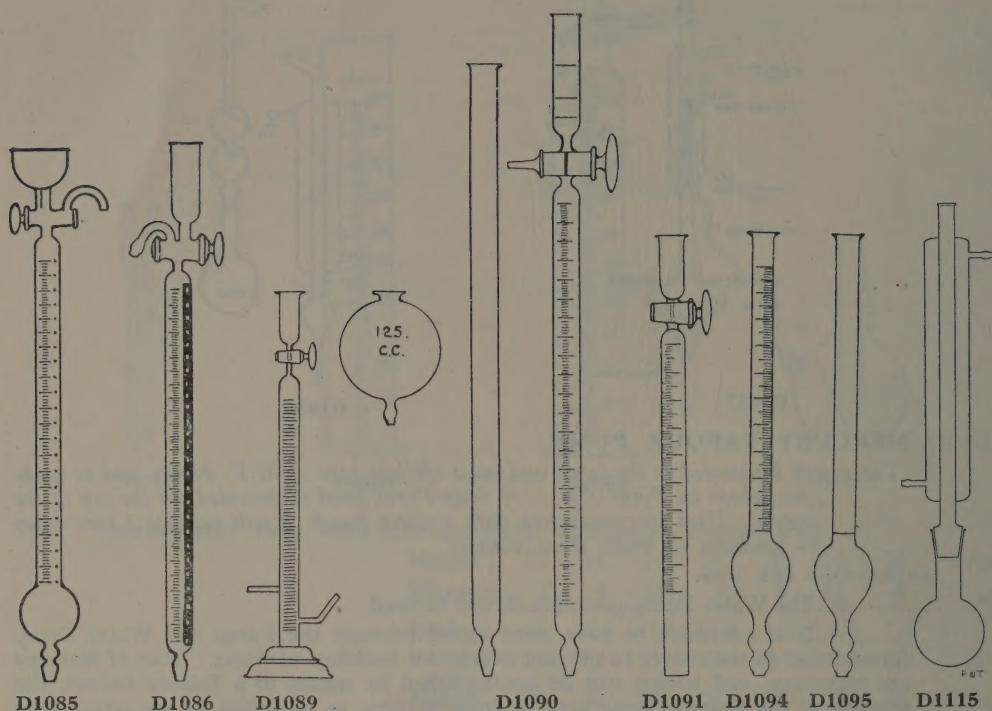
Discounts—5-10 gross, 5%; 10-20 gross, 10%; over 20 gross, 15%

D1042 SPECIMEN TUBES for holding 3ins x 1in Slides ..per gross 32/6

D1043 " " " " with Corks .. 37/-

Repairs undertaken to Broken Apparatus of any sort and origin

D1060 to D1115



D1060 **Models**, GLASS, of Pumps, Hydraulic Rams and Presses, Fountains, Fire Engines, etc, for Lecture and Demonstration Purposes, prices on application

D1070 **Molecular Weight Apparatus** made to specification

B1075 **Nessler Glasses**, Best British White Flint Glass, Ungraduated or Graduated

		50	100cc
Ungraduated	.. per doz	8/6	9/6
Graduated one mark	..	16/6	19/-

D1085 **Nitrometers**, TENNANT'S, with Plain Tube and Three-way Stopcock, graduated 50cc in tenths } each 13/-

D1086 .. LUNGE'S, with Diagonally-bored Tap, graduated 50cc in fifths } .. 12/6

D1089 .. SCHIFF'S, with Mercury Bulb, graduated 100cc in fifths with Cup or Capillary Top, Glass Parts only .. } .. 14/3

D1090 .. ALLEN'S, graduated 50cc in fifths, with Plain Tube , 12/3

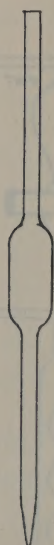
D1091 .. CRUM'S, graduated 50cc in tenths , 8/3

D1094 .. LEVELLING TUBES for, graduated , 5/6

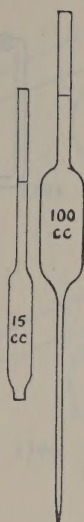
D1095 .. , ungraduated , 2/3

D1115 **Oil Sludge Testing Apparatus**, Soft Soda Glass, each 9/6 ; Pyrex Glass, each 19/-
T's and Bends for above made to specification

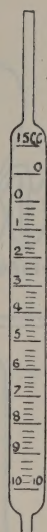
D1131 to D1140



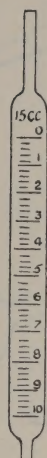
D1131



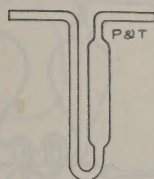
D1132



D1133



D1134



D1140

D1131 Pipettes, UNGRADUATED

Capacity	5	10	15	20	25	50	100cc
Each ..	4½d	4½d	5d	6d	7d	10½d	1/1
Per doz	4/-	4/3	4/6	5/-	6/-	9/9	12/-

D1132 ,, GRADUATED ONE MARK, Long or Short Delivery Tube

Capacity	1	2	3	5	10	15	20	25	50	100cc
Each ..	6½d	7½d	8½d	8½d	9d	1/-	1/1	1/2	1/4	1/10
Per doz	6/3	6/9	7/9	7/9	8/9	11/-	12/6	13/6	15/-	20/6

D1132A ,, GRADUATED ONE MARK, with One or Two Bulbs

Capacity ..	5	10	15	20	25	50	100cc
Each ..	10d	10½d	1/1½	1/2½	1/3½	1/11	2/7
Per doz ..	9/6	10/-	13/-	14/-	15/-	21/-	29/-

D1133 ,, SUB-DIVIDED

Capacity ..	1	1	2	5	5	10	25cc
Graduation	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{10}$..
Each ..	11d	1/5	1/6	1/2	1/6	1/4	2/1
Per doz ..	10/9	16/6	17/3	13/6	17/-	15/-	24/-

D1134 ,, ,, GRADUATED TO POINT (Delivery)

Capacity ..	1	1	2	5	10cc
Graduation	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{50}$	$\frac{1}{20}$	$\frac{1}{10}$..
Each ..	1/6	2/1	1/10	2/1	2/2

D1135 ,, LUNGE AND REY'S, with Two Stopcocks

.. .. each 9/-

D1136 ,, MILK, 10 or 12cc Capacity

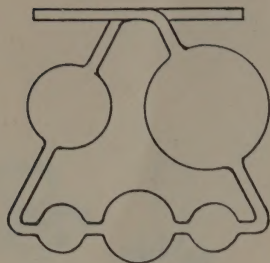
.. .. per doz 9/6

D1140 Pyknometer Tube, NICOL'S, Graduated with One Mark

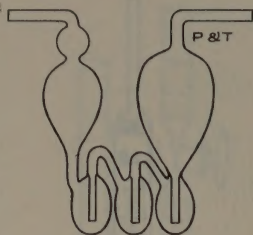
Capacity	10	25	50cc
Each ..	1/10	2/3	2/8

OTHER FORMS, prices on application

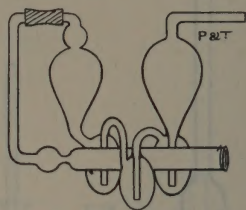
D1155 to D1164



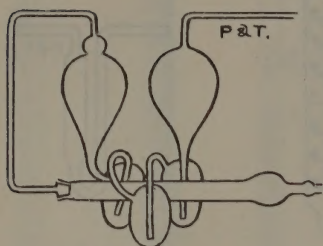
D1155



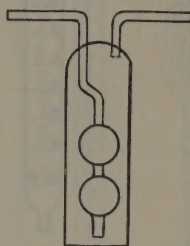
D1156



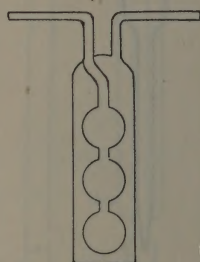
D1157



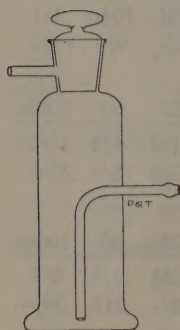
D1159



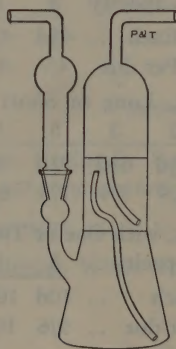
D1160



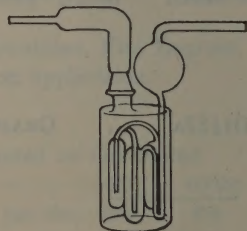
D1161



D1162



D1163



D1164

POTASH BULBS

D1155	LIEBIG'S	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	each	1/8
D1156	GEISSLER AND MOHR'S	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2/11
D1157	"	"	with Chloride of Calcium Tube ATTACHED	where required	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	3/4
D1159	"	"	with Chloride of Calcium Tube GROUND TO FIT	where required	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	3/11
D1160	ARNOLD'S	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2/1
D1161	DUFTY'S, Three Bulb	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2/8
D1162	CHROMIC BULB	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2/11
D1163	GOMBERG'S	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	5/9
D1164	LANDSIEDLER'S	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	5/9

OTHER FORMS, prices on application



1194	PLAIN	Capacity	50	125	200	250	500	750	1000	1500	2000	3000	4000	5000cc
		Each ..	1/1	1/3	1/7	1/7	2/-	2/6	2/6	3/3	4/-	4/9	7/3	8/9
		Per doz	11/8	13/4	16/8	16/8	21/8	26/8	26/8	—	—	—	—	—

Capacity	50	125	200	250	500	750	1000	1500	2000	3000	4000	5000cc
Each ..	1/3	1/7	2/-	2/-	2/4	3/2	3/2	4/-	4/9	5/6	8/-	9/6
Per doz	13/4	16/8	21/8	21/8	25/6	33/3	33/3	—	—	—	—	—

Capacity	50	125	200	250	500	750	1000	1500	2000	3000	4000	5000cc
Each ..	1/7	1/10	2/4	2/4	3/2	3/11	3/11	5/-	5/9	6/6	10/-	11/6
Per doz	16/8	20/-	25/6	25/6	33/3	42/-	42/-	—	—	—	—	—

Capacity	125	250	500cc
Each ..	5/9	7/-	8/9

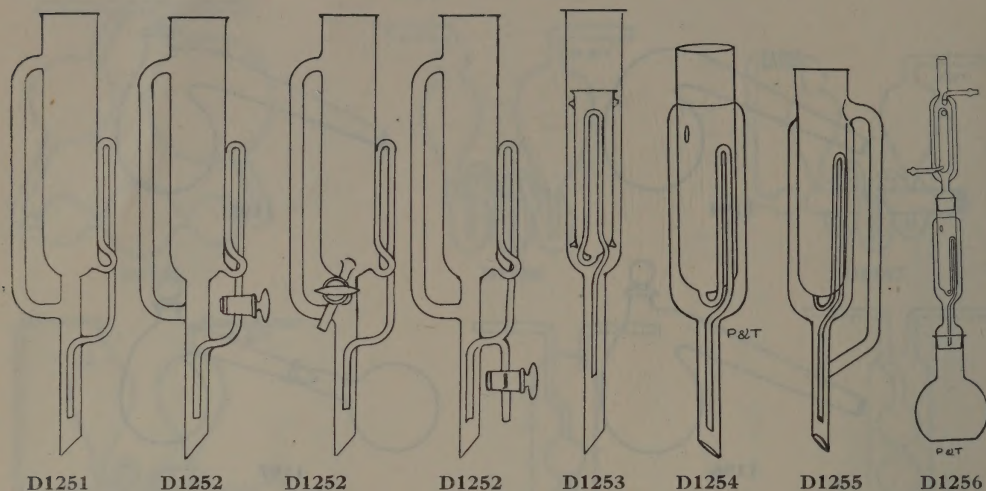
B1228 Saccharometers, Bates, 0 to 100°, Mercury Poised ..each 4/6 per doz 49/6

B1229	„	for Brewers, 0 to 50lbs per barrel, with directions	} „ 4/-	„ 45/-
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B1230	Salinometer, Glass, Shot Poised, with directions	 ,	2/6	..	28/-
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B1231	„	Glass,	ozs per gallon	..	..	..	„	3/3	„	36/-
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D1251 to B1265



SOXHLET'S FAT EXTRACTION APPARATUS

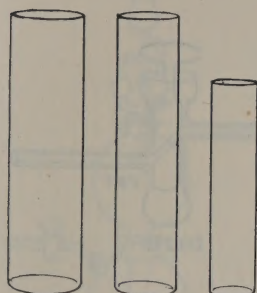
D1251	EXTERNAL TYPE, WITHOUT STOPCOCK	Capacity	30	60	80	100	200cc
		Each ..	3/7	4/-	4/3	4/6	7/2
D1252	WITH STOPCOCK WHERE SPECIFIED	Capacity	30	60	80	100	200cc
		Each ..	6/3	6/9	7/2	7/6	10/3
D1253	INTERNAL TYPE, WITH LOOSE THIMBLE	Capacity	30	60	100	200cc	
		Each ..	2/9	3/-	3/6	5/3	
D1254	WITH FIXED THIMBLE	Capacity	30	60	100	200cc	
		Each ..	3/9	4/6	5/3	8/3	
D1255	FIXED THIMBLE, WITH TUBE AT SIDE AND NO HOLES IN THIMBLE	Capacity	30	60	100	200cc	
		Each ..	6/-	6/5	8/-	11/3	
D1256	COMPLETE APPARATUS, with Double Surface Condenser, Internal Soxhlet (Fixed Thimble Type) and Three Pyrex Flasks, all Ground Joints, interchangeable	Capacity of Extractor	60	100cc			
		Capacity of Flask ..	125	175	200		
		Each ..	22/6	25/-			

If to be used with Corks and not Ground Joints, deduct 5/-.

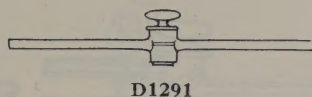
NOTE.—Complete extraction apparatus, fitted with extractor of any capacity and condenser of any type, quoted for on application.

B1265 SOXHLET THIMBLES, standard sizes at Makers' fixed prices

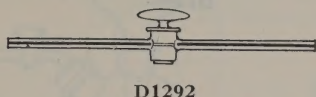
D1270 to D1294



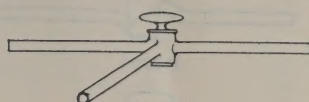
D1270



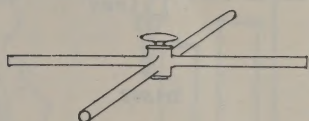
D1291



D1292



D1293



D1294

D1270 Specimen Tubes, (FLAT BOTTOM TUBES) made from " Dial " Soda Tubing
Wall $\frac{3}{4}$ -1mm thick

	$2 \times \frac{1}{4}$	$3 \times \frac{1}{4}$	$2 \times \frac{3}{8}$	$3 \times \frac{3}{8}$	$2 \times \frac{1}{2}$	$3 \times \frac{1}{2}$	$4 \times \frac{1}{2}$	$5 \times \frac{1}{2}$ in
Per doz	$2\frac{1}{2}$ d	3d	3d	4d	4d	6d	8d	10d
Per gross	1/9	2/3	2/4	3/-	3/-	5/-	6/6	8/7
	$2 \times \frac{5}{8}$	$3 \times \frac{5}{8}$	$4 \times \frac{5}{8}$	$5 \times \frac{5}{8}$	$6 \times \frac{5}{8}$	$2 \times \frac{3}{4}$	$3 \times \frac{3}{4}$	$4 \times \frac{3}{4}$ in
Per doz	4d	$6\frac{1}{2}$ d	$8\frac{1}{2}$ d	11d	1/1	$9\frac{1}{2}$ d	1/1	1/3
Per gross	3/2	5/3	7/3	9/3	11/4	8/2	11/3	13/9
	$5 \times \frac{3}{4}$	$6 \times \frac{3}{4}$	2×1	3×1	4×1	5×1	6×1 in	
Per doz	1/6	1/8	$10\frac{1}{2}$ d	$11\frac{1}{2}$ d	1/6	1/9	2/4	
Per gross	16/3	18/9	9/-	12/-	15/9	19/6	23/6	

Wall 1-1 $\frac{1}{4}$ mm

	$4 \times 1\frac{1}{4}$	$5 \times 1\frac{1}{4}$	$6 \times 1\frac{1}{4}$	$4 \times 1\frac{1}{2}$	$5 \times 1\frac{1}{2}$	$6 \times 1\frac{1}{2}$ in
Per doz	2/6	2/10	3/3	3/-	3/8	4/3
Per gross	27/9	31/9	35/6	33/9	40/-	47/6
	$4 \times 1\frac{3}{4}$	$5 \times 1\frac{3}{4}$	$6 \times 1\frac{3}{4}$	4×2	5×2	6×2 in
Per doz	5/3	6/3	7/3	7/9	10/9	13/9
Per gross	59/6	70/6	81/6	90/9	124/6	158/9

D1271 SPECIMEN TUBES IN " DIAL " FLINT GLASS Add 33 $\frac{1}{3}$ % to above prices

D1282 Stirring Rods, short lengths of Glass Rod, diameter 6 to 15mm

Fused both Ends	..	..	..	..	..	..	per lb	1/10
Ends cut only	..	..	..	..	..	..	..	1/4

STOPCOCKS AND TAPS

D1291 FOR ADAPTING TO TUBES, with Solid Plug and Tubing Arms

Bore	1	2	3	4	5	6mm
Each	2/2	2/4	2/4	2/9	3/6	4/1

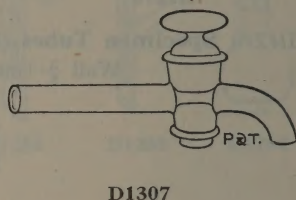
D1292 " " " " " with Capillary Arms, Bore 1 or 2mm ..each 2/8

D1293 WITH THREE BRANCHES

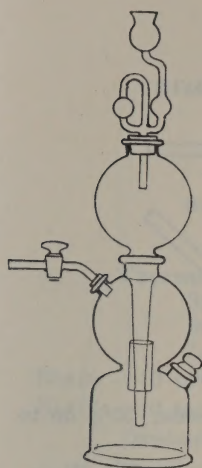
Bore	2	3	4	5mm
Each	3/6	4/1	4/10	5/6

D1294 WITH FOUR BRANCHES

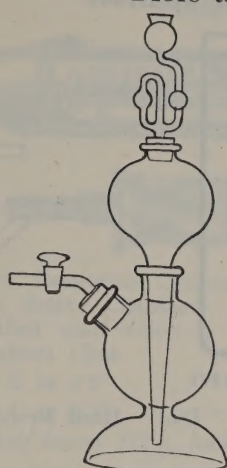
..	..	..	..	5/2	5/2 $\frac{1}{2}$	6/6	7/4
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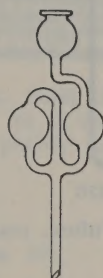
D1318 to D1368



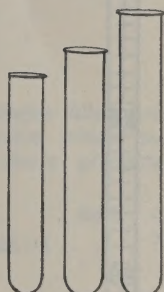
1328



1329



D1330



D1367

D1318 Stopcock Lubricant, "Dial," sold in 2oz jarsper jar 2/6

1328 Sulphuretted Hydrogen Apparatus, Kipp's with Central Tube, Ground-in Stopper and Safety Funnel

Capacity.. 250 500 1000 1500cc

Each .. 17/6 20/- 28/9 33/9

1329 Sulphuretted Hydrogen Apparatus, Kipp's with Squat Base, not Stoppered

Capacity 500 1000 2000cc

Each .. 24/6 34/- 44/-

D1330 FUNNELS FOR KIPP'S APPARATUS, with Bend and Two Bulbseach 1/-

D1331 STOPCOCKS FOR KIPP'S APPARATUS 2 & 3 4mm

Each 2/4 2/9

Test Tubes, made from "Dial" Soft Soda Glass

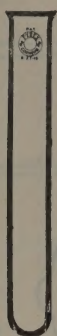
D1367 LIGHT WALL, WITH OR WITHOUT RIMS

	$2 \times \frac{1}{4}$	$3 \times \frac{1}{4}$	$2 \times \frac{3}{8}$	$3 \times \frac{3}{8}$	$4 \times \frac{3}{8}$	$2 \times \frac{1}{2}$	$3 \times \frac{1}{2}$	$4 \times \frac{1}{2}$ in
Per gross	2/6	3/2	2/10	3/9	4/8	3/9	4/5	5/2
	$5 \times \frac{1}{2}$	$6 \times \frac{1}{2}$	$4 \times \frac{5}{8}$	$5 \times \frac{5}{8}$	$6 \times \frac{5}{8}$	$5 \times \frac{3}{4}$	$6 \times \frac{3}{4}$ in	
Per gross	5/8	6/3	5/4	6/7	8/2	8/2	9/5	
	6×1	7×1	8×1	$7 \times 1\frac{1}{4}$	$8 \times 1\frac{1}{4}$	$6 \times 1\frac{1}{2}$	$8 \times 1\frac{1}{2}$ in	
Per doz	1/3	1/7	1/10	2/4	2/8	4/4	5/6	
Per gross	13/2	16/11	20/8	26/9	29/-	48/-	59/-	

D1368 HEAVY WALL, $\frac{3}{4}$ -1mm, WITH OR WITHOUT RIMS

	$2 \times \frac{1}{4}$	$3 \times \frac{1}{4}$	$2 \times \frac{3}{8}$	$3 \times \frac{3}{8}$	$4 \times \frac{3}{8}$	$2 \times \frac{1}{2}$	$3 \times \frac{1}{2}$	$4 \times \frac{1}{2}$	$5 \times \frac{1}{2}$ in
Per gross	3/2	4/-	3/6	4/8	5/10	5/-	5/11	6/11	7/6
	$6 \times \frac{1}{2}$	$4 \times \frac{5}{8}$	$5 \times \frac{5}{8}$	$6 \times \frac{5}{8}$	$5 \times \frac{3}{4}$	$6 \times \frac{3}{4}$	6×1	7×1	8×1 in
Per gross	8/4	8/-	9/10	12/3	14/4	16/6	25/1	32/2	39/3

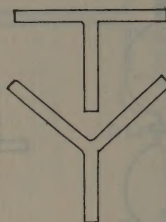
D1369 to B1409



B1370



B1371



D1380

D1369 Test Tubes, made from "Dial" Hard Resistance Soda, 30% on to above prices

„ in Soda or Resistance Glass, WITH EXTRA HEAVY WALL, prices on application

Test Tubes, PYREX GLASS

		10×75	12×100	15×125	16×150	18×150	22×175mm
B1370 WITH RIM	Per doz	3/3	3/10	4/9	5/10	6/3	7/-
		25×100	25×150	25×200	25×250	25×300mm	
	Per doz	7/9	9/6	13/6	20/-	22/-	
		10×75	12×100	15×125	16×150	18×150	22×175mm
B1371 WITHOUT RIM	Per doz	2/6	3/1	4/-	5/1	5/6	6/3
		25×100	25×150	25×200	25×250	25×300mm	
	Per doz	7/-	8/6	12/6	18/-	20/-	

D1380 T and Y Tubes	Length of limb	32	38	52	63	75	90mm
	Diameter	4	6	7	8	9	10 13 „
	Each ..	2d	3d	4d	5d	5d	6d 7d
	Per doz	1/10	2/9	3/6	4/2	4/5	5/2 6/2

THERMOMETERS

IMPROVED CHEMICAL TYPE, Solid Stem, Nitrogen filled, with Spherical Safety Chambers Adjusted at a fixed immersion which may be specified and which is marked plainly on Stem

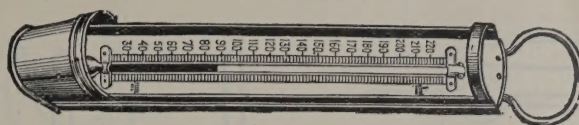
Length about 12ins

B1401	-10 to +110° C in 1°	..	..	..	..	..	..each	4/-
B1402	+30 to +220° F in 1°	..	..	..	..	..	.. „	4/-
B1404	0 to +200° C in 1°	..	..	..	..	..	.. „	4/-
B1405	+30 to +400° F in 2°	..	..	..	..	..	.. „	4/6
B1406	0 to +250° C in 1°	..	..	..	..	..	.. „	4/4
B1407	0 to +360° C in 1°	..	..	..	..	..	.. „	5/8
B1408	+30 to +500° F in 2°	..	..	..	..	..	.. „	5/6
B1409	0 to +360° C in 2°	..	..	..	..	..	.. „	5/8

Discounts for half-dozens 12½%, for full dozens 20%

B1416 to B1445

B1440



B1442



Thermometers, IMPROVED CHEMICAL TYPE, Solid Stem, Nitrogen filled, with Spherical Safety Chambers Adjusted at a fixed immersion which may be specified and which is marked plainly on Stem, finely graduated Length about 12ins

B1416	—10 to +110° C in 0.5°	..	..	..	..	..	..	..each	4/3
B1417	—10 to +105° C in 0.2°	..	..	..	..	..	..	..	7/6

Discounts for half-dozens 12½%, for full dozens 20%

Thermometers, SPECIFICATION AS ABOVE, MADE OF BORO-SILICATE GLASS

B1420	0 to +500° C in 2°	..	..	..	..	..	..	..each	22/-
B1421	0 to +500° C in 1°	..	..	..	..	..	..	..	28/-
B1422	+100 to +1000° F in 5°	..	..	..	..	..	..	..	22/-
B1423	+100 to +1000° F in 2°	..	..	..	..	..	..	..	28/-

Discounts as above.

B1426	FOR BENZOLE, +70° to 130° C in 0.2° length about 14ins	..	..	..	..	..	..	7/6
B1427	FOR TOLUOL, +100° to 165° C in 0.2°	..	..	..	..	..	..	7/6
B1428	FOR NAPHTHA, +90° to 200° C in 0.5°	..	..	..	..	..	..	7/6
B1429	„ +75° to 145° C in 0.1°	..	..	..	..	..	..	12/6

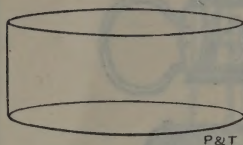
Discounts as above.

B1430 **Thermometers, BOMB CALORIMETER, Anschutz Type, and all Thermometers according to the Specification of the INSTITUTION OF PETROLEUM TECHNOLOGISTS, and to that of the AMERICAN STANDARD FOR TESTING MATERIALS; prices on application**

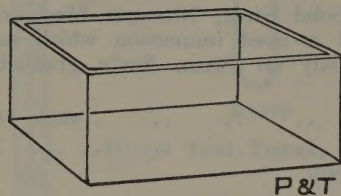
ACCURACY OF THERMOMETERS.—We guarantee the accuracy of every instrument to be within the limits laid down by the N.P.L. for the particular type. N.P.L. CERTIFICATES can be supplied with any instrument at cost.

B1438	Thermometers, Six's Opal Scale, Enamelled Tube in Japanned Case	8ins	..	..	..	..	..	each	11/3
B1439	„ „ Malt Kiln, with Silvered Scale on Oak Frame	..	..	..	..	..	..	each	31/6
B1440	„ BREWERS' 12ins, Metal Silvered Scale, with Bold Enamelled Tube mounted with Indiarubber in Rivetted Copper Case	Range 30°–200° F or 40°–110° C	..	..	..	..	..	each	16/6
B1441	„ BREWERS' REFRIGERATOR, suitable for Lawrence, Baudellot, Morton and other Refrigerators, 2 or 2½ins outlet	..	..	..	..	..	..	„	45/-
B1442	„ PIPE, 12ins Brass Frame, Silvered Metal Scale, range to specification	..	..	..	..	..	..	„	14/3
B1443	„ ANGLE, prices on application	..	..	..	..	..	..	..	..
B1444	„ REFRIGERATING, in Loop-ended Metal Case 10ins long, range —20° to 110° F	..	..	..	..	..	..	per doz	45/-
B1445	Thermometer Varnish, for use with Benzole, etc, and for general re-figuring	Sold in oz bottles	..	..	..	..	..	each	5/-

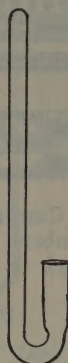
1465 to B1488



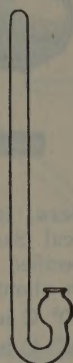
1465



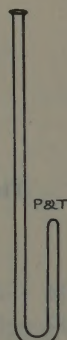
1466



D1482



D1483



D1485

1465 Troughs, PNEUMATIC, Thick Glass, Circular

Height..	10	10	10	12	12	15cm
Diameter	15	20	25	25	30	35 „
Each ..	1/9	2/3	2/9	3/3	4/-	5/-

1466 „ „ Thick Glass, Rectangular

Height..	10	12	15	16	16cm
Width ..	10	12	15	16	25 „
Length	20	25	25	30	35 „
Each ..	4/-	6/6	7/-	11/6	14/6

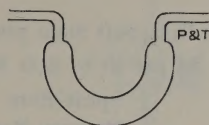
TUBES

D1481	BAROMETER, Straight, closed at Top, length 1 metre	..	..	..each	1/-
D1482	„ with Cylindrical Turn-up, length 1 metre	..	..	.. „	2/-
D1483	„ with Turn-up and Bulb, length 1 metre	..	..	.. „	1/9
D1484	BOYLE'S LAW, mounted on Board with Scale graduated in cm and mm	..	..	..	6/6
D1485	„ „ Tube only	..	..	..	1/6
B1487	COMBUSTION, in Hard Resistance Glass, in lengths 40ins or over, Open Ends	..	..	per lb	2/6
„	„ in Hard Resistance Glass, in lengths 40ins or over, Sealed One End	..	..	„	3/-
„	„ in Hard Resistance Glass, in shorter lengths, Open Ends	..	..	„	3/-
„	„ „ „ „ Sealed One End	..	..	„	3/6

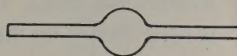
B1488 Combustion Glass, Open Ends

Diameter	5-10	10½-26	26½-32	33½-40mm
Per lb.	4/-	3/6	4/-	5/-
„ „	Cut into short lengths with Ends Fused			Extra
„ „	„ „ „ „ One End closed the other End Fused			per lb 6d

D1500 to D1527



D1505



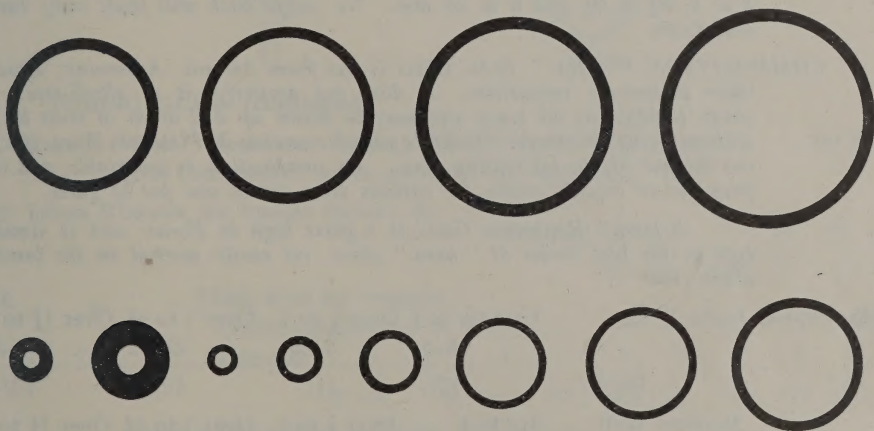
D1505

TUBES (continued)

D1500 PALLADIUM, HEMPEL'S, prices subject to market fluctuations
REDUCTION, Hard Resistance Glass or Combustion Glass

		RESISTANCE			COMBUSTION		
D1505	One Bulb .. each	8d	per doz	7/6	each	11d	per doz 10/-
D1506	Two „ .. „	10d	„	9/6	„	1/2	„ 13/-
D1507	Three „ .. „	1/-	„	11/6	„	1/6	„ 16/-

TUBING GLASS



D1525 "DIAL" BEST SOFT SODA TUBING, Wall Thickness $\frac{3}{4}$ mm or over

Outside diameter	..	(5mm)	(5-26mm)	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ ins
		up to $\frac{1}{4}$ in	$\frac{1}{4}$ to 1 in				
Per lb	..	1/8	1/4	$1/5\frac{1}{2}$	$1/6\frac{1}{2}$	1/8	1/9
Outside diameter	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{3}{4}$	3ins
Per lb	2/-	2/4	2/8	3/-	3/5	$3/10\frac{1}{2}$	4/4

Special Quotations for orders totalling over 56lbs.

D1526 "DIAL" BEST SOFT SODA ROD

Diameter 3-13mm

In Soda Glass per lb .. 1/4
In Flint Glass „ .. 1/9

D1527 „ „ „ CAPILLARY TUBING (Tubing in which the } per lb 2/-
sum of the two wall thicknesses equals or exceeds the bore)

D1528 to B1546

TUBING GLASS (continued)

D1528	"DIAL" RESISTANCE SODA TUBING, add 4d per lb to Soft Soda prices								
D1529	"DIAL" WHITE FLINT OR LEAD TUBING, add 5d per lb to Soft Soda prices								
D1530	"DIAL" THERMOMETER TUBING (Flint Glass)	Spirit Bore	.. per lb	3/6					
		Mercury Bore	.. ..	4/6					
D1531	"DIAL" COLOURED SODA TUBING (Amber, Blue, Green and Mauve)		..	2/1					
D1532	"DIAL" URANIUM TUBING	.. .. .	.. .. .	12/6					
D1533	"DIAL" RUBY	.. .. .	.. .. .	4/6					
D1534	"DIAL" OPAL	.. .. .	.. .. .	2/6					
D1535	"DIAL" FLAT	.. .. .	.. .. .	7/6					
D1536	"DIAL" OVAL	.. .. .	.. .. .	7/6					

NOTE ON THE COMPOSITION AND GAUGING OF "DIAL" TUBING:—

GAUGING.—Our gauging is accurate and trustworthy. All Tubing up to 1in is gauged $\frac{1}{2}$ mm up and down in our warehouse and bundled according to size; thus, where 8 to 10mm tubing is ordered, glass will be supplied in bundles running 8 to 9, $8\frac{1}{2}$ to $9\frac{1}{2}$ and 9 to 10 mm. No single stick will itself vary 1mm up and down.

COMPOSITION.—"Dial" Soda Glass is free from Arsenic, Antimony, Lead and other deleterious impurities. It does not devitrify—it is alkali-free. It is easily handled in the lamp and may be blown up and down at least 80 times without losing its nature. It can be used for sealing-in Platinum Wire, etc., without the aid of special sealing glass. Its composition is invariable, and we are prepared to execute orders for various sizes out of one pot of glass.

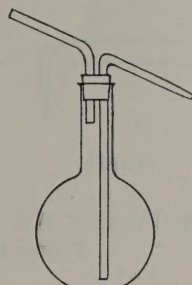
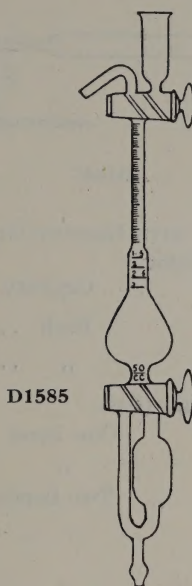
"Dial" Resistance Glass is a glass high in Borax, and is similar in type to the best forms of "hard" glass, yet easily worked in the lamp and alkali-free.

B1545 PYREX, Light Wall	Up to $\frac{3}{16}$ to $\frac{1}{4}$	Over $\frac{1}{4}$ to 1	Over 1 to $1\frac{1}{4}$	Over $1\frac{1}{4}$ to $1\frac{1}{2}$ ins
	.. 5-6	.. 5-26	.. 27-32	.. 31-38mm
	Per lb ..	12/-	11/-	12/- 13/-
	.. Medium Wall	Up to $\frac{1}{4}$	Over $\frac{1}{4}$ to 1	Over 1 to $1\frac{1}{4}$ Over $1\frac{1}{4}$ to $1\frac{1}{2}$ ins
	.. 5	.. 5-26	.. 27-32	.. 31-38mm
.. Heavy Wall	Per lb ..	6/-	5/-	6/- 6/6
	Over $1\frac{1}{2}$ to $1\frac{3}{4}$	Over $1\frac{3}{4}$ to 2	Over 2 to 3ins	
	.. 37-45	.. 44-51	.. 50-77mm	
	Per lb ..	7/-	7/6	9/6
	Up to $\frac{3}{16}$ to $\frac{1}{4}$	Over $\frac{1}{4}$ to 1	Over 1 to $1\frac{1}{4}$ ins	
.. Heavy Wall	.. 5-6	.. 5-26	.. 27-32mm	
	Per lb	8/-	7/4	8/-
	Over $1\frac{1}{4}$ to $1\frac{1}{2}$	Over $1\frac{1}{2}$ to $1\frac{3}{4}$	Over $1\frac{3}{4}$ to 2ins	
	.. 31-38	.. 37-45	.. 44-51mm	
	Per lb ..	8/8	9/6	10/-

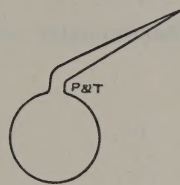
B1546 PYREX Rod, same price as Medium Wall Tubing

"DIAL" Glass is the Purest Made and does not deteriorate in Storage

B1547 to D1651



D1650



D1590

TUBING GLASS (continued)

B1547 CARIUS " Dial " Resistance Tubing, Thick Wall, O D as requiredper lb 1/8
(For Combustion Tubes, see Nos 1487 and 1488)

B1555 INDIA-RUBBER, for Bunsen Burner, etc

		Internal diameter				7	9	10	13mm
		Per yd				8½d	1/-	1/2	1/6
B1556	Thick Wall for Pressure								
	Outside diameter	8	10	13	13	16	13	15	19mm
	Internal ..	3	3	3	5	15	7	8	8,,
	Per yd	1/4½	2/4	4/3	3/9	5/-	3/3	4/4	10/-

Above prices subject to Market fluctuations

Special discounts allowed per roll

D1585 Van Slyke's Apparatus for the Determination of CO₂ in Bloodeach 25/-

D1590 Vapour Density Bulbs, DUMAS' 7½d

D1600 Viscometers, MERCURIAL, compensated for density

D1601 .. STANDARD U-TUBE Viscometers

D1602 .. STANDARD CO-AXIAL Bulb Viscometers

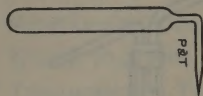
D1603 .. FALLING SPHERE Viscometer

As described in British Engineering Standards Association's
Specification No 188 Prices on application

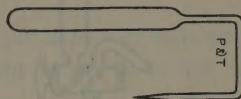
Wash Bottles, PYREX FLASKS WITH I R CORKS AND TWO BENT TUBES

D1650	With Flat Bottom Flasks	Capacity	500	700	1000cc
D1651	Conical Flasks, prices as D1650	Each ..	2/6	3/-	3/6

D1652 to D1657



D1656



D1657

Wash Bottles, PYREX F B or CONICAL FLASKS WITH GROUND GLASS STOPPER AND TUBES FUSED INTO STOPPER

			Capacity	500	700	1000cc
D1652	„	With Valve in Blow Tube	Each ..	6/6	7/6	9/6
D1653	„	Without Valve	„ ..	4/8	5/6	7/6
D1656	Weight Thermometer (OR DIATOMETER), Thin Glass,				60 + 10mm	
		One Bend	Each	6d		
		„	Per doz	4/6		
D1657	„	Two Bends	Each	6½d		
		„ „	Per doz	5/-		

